

## DAFTAR PUSTAKA

- Afrilizar, R. (2015). *Sistem Informasi Geografis Persebaran Penyakit Tuberkulosis Berbasis Web Di Kota Banda Aceh*. Banda Aceh: Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Syiah Kuala.
- Andi. (2017, September 2). *Diagram Activity*. Retrieved from Mengenal Teknologi Sistem Informasi Komputer: <http://andydharmalau.com/diagram-activity/>
- arifwicaksanaa. (2016, April 1). *Pengertian Use Case*. Retrieved from Medium.com: <https://medium.com/@arifwicaksanaa/pengertian-use-case-a7e576e1b6bf>
- Choirunnisa, B. A., Herlambang, V. A., & Setyawati. (2018). Rancang Bangun Web GIS (Geographic Information System) Pemetaan Kasus HIV/AIDS di Kabupaten Semarang. *Prosiding SENAKTIKOM 2018*, 39-45.
- Danila, I. D., Pawa, A., Choirun, A., & Wijayanti. (2018). Geospatial Analysis pada Prevelensi Stunting di Kabupaten Manggarai. *Jurnal UGM, Vol. 34, No. 11*.
- Dewi, B. K. (2017, February 8). *Mengenal "Stunting" dan Efeknya pada Pertumbuhan Anak*. Retrieved September 4, 2020, from [lifestyle.kompas.com: https://lifestyle.kompas.com/read/2017/02/08/100300123/mengenal.stunting.dan.efeknya.pada.pertumbuhan.anak?page=all](https://lifestyle.kompas.com/read/2017/02/08/100300123/mengenal.stunting.dan.efeknya.pada.pertumbuhan.anak?page=all)
- Djirimu, M. A. (2020, February 22). *Stunting di Sulteng*. Retrieved September 4, 2020, from Metro Sulawesi: <https://metrosulawesi.id/2020/02/22/stunting-di-sulteng/>
- Fahmi Cholid, H. A., Azies, D., & Trishnanti. (2019). Pemetaan Faktor-Faktor yang Mempengaruhi Stunting pada Balita dengan Geographically Weighted Regression (GWR). *SEMNAKes - 2019 "Improving the Quality of Health Through Advances in Research of Health Sciences"*, 156-165.
- Ferdiaz, N. Y. (2020, January 18). *Berantas Stunting: Sering Ditakuti Orangtua, Imunisasi Ampuh Cegah Stunting pada Anak*. Retrieved September 4, 2020, from [health.grid.id: https://health.grid.id/read/351991712/berantas-stunting-sering-ditakuti-orangtua-imunisasi-ampuh-cegah-stunting-pada-anak?page=all](https://health.grid.id/read/351991712/berantas-stunting-sering-ditakuti-orangtua-imunisasi-ampuh-cegah-stunting-pada-anak?page=all)

- Indonesia, M. K. (2020). Peraturan Menteri Kesehatan Republik Indonesia No.2 Tahun 2020 Tentang Antropometri.
- Islamiyah, C. (2016). *Rancang Bangun Sistem Informasi Geografis (SIG) Untuk Penyebara Penyakit Demam Berdarah Di Surabaya Dengan Menggunakan Metode K-Means*. Surabaya: ADLN-PERPUSTAKAAN UNIVERSITAS AIRLANGGA.
- Musadad, A. (1996). Kesehatan Lingkungan dan Kemiskinan. *Media Litbangkes Vol. VI No. 03*, 1-12.
- Nareza, d. M. (2020, January 30). *Pahami Penyebab Stunting dan Dampaknya pada Kehidupan Anak*. Retrieved September 4, 2020, from [www.alodokter.com: https://www.alodokter.com/bayi-lahir-stunting-faktor-penyebab-dan-risiko](https://www.alodokter.com/bayi-lahir-stunting-faktor-penyebab-dan-risiko)
- Prahasta, Eddy. (2001). *Konsep-Konsep Dasar Sistem Informasi Geografis*. Informatika, Bandung.
- Prahasta, Eddy. (2014). *Sistem Informasi Geografis, Konsep-konsep Dasar (Perspektif Geodesi & Geomatika)*. Bandung: Informatika Bandung.
- Putu Kurniawan Adi Krisna, I. N., Piarsa, P. W., & Buana. (2014). Sistem Informasi Geografis Pemetaan Penyebaran Penyakit Berbasis Web. *MERPATI VOL. 2, NO. 3*, 271-279.
- Rahardjo, n. (2018, January 3). *Apa itu UML?* Retrieved from Medium.com: <https://medium.com/@andrerahardjo/apa-itu-uml-b8f2a8f70b89>
- Sardjito, H. (2019, July 22). *Kenali Penyebab Stunting Anak*. Retrieved September 4, 2020, from [sardjito.co.id: https://sardjito.co.id/2019/07/22/kenali-penyebab-stunting-anak/](https://sardjito.co.id/2019/07/22/kenali-penyebab-stunting-anak/)
- Tri Dewi Ratna Sari, I., & Istiana. (2020). Hubungan Antara Higiene dan Sanitasi Dengan Kejadian Stunting pada Balita Usia 12-59 Bulan. *Binawan Student Journal (BSJ) Vol. 2, No.1* , 15-20.
- Zairinayati, R., & Purnama. (2019). Hubungan Hygiene dan Sanitasi Lingkungan Dengan Kejadian Stunting Pada Balita. *Babul Ilmi\_Jurnal Ilmiah Multi Science Kesehatan*, 78-91.

## LAMPIRAN 1 Surat Izin Penelitian



PEMERINTAH KABUPATEN BANGGAI  
DINAS PENANAMAN MODAL DAN  
PELAYANAN TERPADU SATU PINTU (DPMPSTP)  
JL. JEND. AHMAD YANI NO. 12 TELP. 0461 -21620 LUWUK – KAB. BANGGAI  
SULAWESI TENGAH

### IZIN PENELITIAN

Nomor : 503/077/DPMPSTP/IP/IX/2020

- Dasar : 1. Surat Permohonan Izin Penelitian Sdr. Iksora,  
tanggal 14 September 2020.  
2. Rekomendasi Badan Kesatuan Bangsa dan Politik Kabupaten Banggai  
Nomor : 070/172.1/BKB-P/2020, tanggal 16 September 2020.

#### Diberikan Izin Penelitian kepada :

Nama : **IKSORA**  
Pekerjaan : Mahasiswa  
NIM : **H071171501**  
Alamat : Jl. G. Julutumpu No. 13 Kel. Baru Kec. Luwuk  
Lembaga : Universitas Hasanuddin Makassar  
Fakultas : Matematika Dan Ilmu Pengetahuan Alam  
Penanggung Jawab : Dekan Fakultas Matematika Dan Ilmu Pengetahuan Alam  
Judul Penelitian : Sistem Informasi Geografis (SIG) Berbasis Web Persebaran  
Penyakit Stunting Di Kab. Banggai Dengan Menggunakan  
Metode K-Means  
Daerah Penelitian : Dinas Kesehatan Kabupaten Banggai

#### Dengan ketentuan-ketentuan Sebagai berikut :

1. Tidak dibenarkan mengadakan kegiatan yang tidak sesuai dengan penelitian yang dimaksud;
2. Mentaati peraturan perundang-undangan yang berlaku serta mengindahkan norma dan adat istiadat setempat;
3. Apabila masa berlaku izin penelitian ini sudah berakhir dan pelaksanaannya belum selesai maka diwajibkan mengajukan perpanjangan Izin Penelitian;
4. Apabila tidak mentaati ketentuan seperti tersebut di atas maka Izin Penelitian ini dicabut dan dinyatakan tidak berlaku.
5. Izin Penelitian ini mulai berlaku selama 1 (satu) tahun sejak tanggal dikeluarkan sampai dengan **17 September 2021**.

Dikeluarkan di Luwuk  
Pada Tanggal 17 September 2020



PIL. KEPALA DINAS PENANAMAN MODAL DAN  
PELAYANAN TERPADU SATU PINTU  
KABUPATEN BANGGAI



*Dra. Irmayanti, ME*

Pembina Tkt. I, IV/b

NIP. 19670701 199803 2 002

**LAMPIRAN 2 Data Kasus Stunting dan Faktor Yang Mempengaruhi Tahun 2018**

No	KECAMATAN	JUMLAH KASUS BALITA STUNTING	JUMLAH KEMISKINAN	JULAH BALITA IMUNISASI LENGKAP	MASYARAKAT DGN JAMBAN TIDAK SEHAT	MASYARAKAT DGN AIR MINUM TIDAK LAYAK	JUMLAH SUNGAI
1	NUHON	300	2002	411	4609	7922	1
2	SIMPANG RAYA	16	1138	173	4503	8132	0
3	BUNTA	114	1443	464	5287	4982	3
4	L O B U	16	609	54	542	0	0
5	PAGIMANA	147	3002	422	9993	3394	1
6	BUALEMO	182	2611	239	7751	4826	0
7	BALANTAK UTARA	25	973	83	670	924	0
8	BALANTAK	66	1382	81	910	194	0
9	BALANTAK SELATAN	60	1400	120	1111	903	0
10	MANTOH	3	783	154	3597	3005	0
11	LAMALA	46	1791	112	2040	153	0
12	MASAMA	113	1083	211	1868	1980	0
13	LUWUK TIMUR	144	1677	219	1445	0	0
14	LUWUK UTARA	149	475	313	5106	643	0
15	LUWUK	13	3015	764	4145	4125	0
16	LUWUK SELATAN	85	521	525	517	2360	0
17	NAMBO	28	834	178	1267	1130	0
18	KINTOM	14	1323	194	3919	3520	1
19	BATUI	41	933	323	4519	16435	1
20	BATUI SELATAN	180	936	263	3519	13708	0
21	MOILONG	231	1755	398	1201	20446	0
22	TOILI	35	1886	600	3057	28393	1
23	TOILI BARAT	114	1892	480	15120	18989	1

**LAMPIRAN 3 Data Kasus Stunting dan Faktor Yang Mempengaruhi Tahun 2019**

No	KECAMATAN	JUMLAH KASUS BALITA STUNTING	KEMISKINAN	JUMLAH BALITA IMUNISASI LENGKAP	MASYARAKAT DGN JAMBAN TIDAK SEHAT	MASYARAKAT DGN AIR MINUM TIDAK LAYAK	JUMLAH SUNGAI
1	NUHON	134	3603	313	6327	12752	1
2	SIMPANG RAYA	72	1113	204	11942	10171	0
3	BUNTA	10	3653	341	4224	13636	3
4	LOBU	83	1213	62	313	39	0
5	PAGIMANA	121	4298	372	5565	10078	1
6	BUALEMO	393	2661	341	5653	18416	0
7	BALANTAK UTARA	50	751	79	341	4152	0
8	BALANTAK	51	2087	94	1549	5276	0
9	BALANTAK SELATAN	71	1061	129	1088	2535	0
10	MANTOH	61	913	134	1511	4771	0
11	LAMALA	139	2371	98	715	2431	0
12	MASAMA	165	1915	177	811	8315	0
13	LUWUK TIMUR	219	3074	232	5474	10931	0
14	LUWUK UTARA	124	1503	333	2667	17123	0
15	LUWUK	45	5084	779	3655	1486	0
16	LUWUK SELATAN	40	1046	512	185	1575	0
17	NAMBO	91	929	142	403	8192	0
18	KINTOM	148	2263	187	2287	11180	1
19	BATUI	18	2530	337	4546	13082	1
20	BATUI SELATAN	371	2325	253	4463	13414	0
21	MOILONG	131	2161	352	1470	13015	0
22	TOILI	258	3171	599	7935	34226	1
23	TOILI BARAT	175	3354	478	8390	5147	1

**LAMPIRAN 4 Hasil K-Means Data Kasus Stunting dan Faktor Yang Mempengaruhi Tahun 2018**

- Iterasi 1

No	Kecamatan	Jarak ke C1	Jarak ke C2	Jarak Ke c3	Kelompok
1	NUHON	1.227702	0.098364	0.651081	C2
2	SIMPANG RAYA	0.242119	1.152947	0.960571	C1
3	BUNTA	1.18999	0.947905	1.246532	C2
4	L O B U	0.28533	1.357603	1.217761	C1
5	PAGIMANA	1.201628	0.767212	1.075381	C2
6	BUALEMO	0.990228	0.70757	0.833535	C2
7	BALANTAK UTARA	0.258127	1.257002	1.11659	C1
8	BALANTAK	0.393497	1.116616	1.01917	C1
9	BALANTAK SELATAN	0.364136	1.094103	0.98901	C1
10	MANTOH	0	1.260213	1.121661	C1
11	LAMALA	0.451009	1.106843	1.031787	C1
12	MASAMA	0.415802	0.928397	0.849874	C1
13	LUWUK TIMUR	0.624953	0.814966	0.818013	C1
14	LUWUK UTARA	0.569304	0.924003	0.949986	C1
15	LUWUK	1.230622	1.175547	1.192327	C2
16	LUWUK SELATAN	0.636327	1.046846	0.957927	C1
17	NAMBO	0.196088	1.205334	1.075874	C1
18	KINTOM	0.402082	1.090066	1.070722	C1
19	BATUI	0.644473	1.037768	0.841331	C1
20	BATUI SELATAN	0.724218	0.76924	0.501121	C3
21	MOILONG	1.121661	0.661199	0	C3
22	TOILI	1.227513	1.165115	0.851305	C3
23	TOILI BARAT	1.261673	1.031551	1.092564	C2

- Iterasi 2

No	Kecamatan	Jarak ke C1	Jarak ke C2	Jarak ke C3	Kelompok
1	NUHON	1.016543	0.672119	0.755456	C2
2	SIMPANG RAYA	0.286044	0.813406	0.757793	C1
3	BUNTA	1.075178	1.032949	1.07468	C2
4	L O B U	0.343713	1.114013	1.080393	C1
5	PAGIMANA	1.064812	0.419361	1.010952	C2
6	BUALEMO	0.834631	0.366696	0.846176	C2
7	BALANTAK UTARA	0.239824	0.991095	0.984172	C1
8	BALANTAK	0.249127	0.857698	0.929473	C1
9	BALANTAK SELATAN	0.204985	0.817459	0.88693	C1
10	MANTOH	0.244906	0.935052	0.937444	C1
11	LAMALA	0.329018	0.754989	0.929563	C1
12	MASAMA	0.198215	0.740245	0.766926	C1
13	L UWUK TIMUR	0.398818	0.623273	0.801202	C1
14	L UWUK UTARA	0.470688	0.788104	0.861619	C1
15	L UWUK	1.12811	0.719367	1.075803	C2
16	L UWUK SELATAN	0.53558	0.898503	0.825055	C1
17	NAMBO	0.171828	0.93314	0.926624	C1
18	KINTOM	0.355703	0.803723	0.862388	C1
19	BATUI	0.610878	0.903662	0.543702	C3
20	BATUI SELATAN	0.581511	0.790164	0.440178	C3
21	MOILONG	0.943002	0.852832	0.328048	C3
22	TOILI	1.153415	1.090079	0.592978	C3
23	TOILI BARAT	1.216857	0.828508	0.911661	C2

- Iterasi 3

No	Kecamatan	Jarak ke C1	Jarak ke C2	Jarak ke C3	Kelompok
1	NUHON	1.03128	0.58555	0.795822	2
2	SIMPANG RAYA	0.315314	0.859374	0.662553	1
3	BUNTA	1.103696	0.783405	0.999148	2
4	L O B U	0.324462	1.185562	0.995902	1
5	PAGIMANA	1.078232	0.340272	1.000772	2
6	BUALEMO	0.839015	0.49698	0.855777	2
7	BALANTAK UTARA	0.216735	1.066229	0.90561	1
8	BALANTAK	0.217837	0.947674	0.869475	1
9	BALANTAK SELATAN	0.176652	0.907215	0.82503	1
10	MANTOH	0.252103	1.00323	0.841137	1
11	LAMALA	0.309582	0.85609	0.872072	1
12	MASAMA	0.188421	0.831358	0.712954	1
13	L UWUK TIMUR	0.383372	0.74364	0.77815	1
14	L UWUK UTARA	0.473653	0.882445	0.805058	1
15	L UWUK	1.13857	0.798478	1.074319	2
16	L UWUK SELATAN	0.544665	0.972834	0.77162	1
17	NAMBO	0.156602	1.011486	0.844186	1
18	KINTOM	0.382278	0.764549	0.75546	1
19	BATUI	0.657868	0.78485	0.407777	3
20	BATUI SELATAN	0.606683	0.800727	0.421536	3
21	MOILONG	0.966499	0.819461	0.449715	3
22	TOILI	1.194417	0.926709	0.573138	3
23	TOILI BARAT	1.251008	0.676968	0.874445	2



- Hasil Akhir

No	KECAMATAN	JUMLAH KASUS BALITA STUNTING	JUMLAH KEMISKINAN	JUMLAH BALITA IMUNISASI LENGKAP	JUMLAH MASYARAKAT DGN JAMBAN TIDAK SEHAT	JUMLAH MASYARAKAT DGN AIR MINUM TIDAK LAYAK	JUMLAH SUNGAI	Kelompok
1	SIMPANG RAYA	0.043771	0.2610236	0.167606	0.272957611	0.286408622	0	C1
2	LOBU	0.043771	0.0527559	0	0.001711977	0	0	C1
3	BALANTAK UTARA	0.074074	0.196063	0.040845	0.010477299	0.032543232	0	C1
4	BALANTAK	0.212121	0.3570866	0.038028	0.026912278	0.00683267	0	C1
5	BALANTAK SELATAN	0.191919	0.3641732	0.092958	0.040676573	0.031803614	0	C1
6	MANTOH	0	0.1212598	0.140845	0.210915565	0.105835945	0	C1
7	LAMALA	0.144781	0.5181102	0.08169	0.104293638	0.005388652	0	C1
8	MASAMA	0.37037	0.2393701	0.221127	0.092515237	0.069735498	0	C1
9	LUWUK TIMUR	0.474747	0.4732283	0.232394	0.063548586	0	0	C1
10	LUWUK UTARA	0.491582	0	0.364789	0.314250496	0.022646427	0	C1
11	LUWUK SELATAN	0.276094	0.0181102	0.66338	0	0.083119079	0	C1
12	NAMBO	0.084175	0.1413386	0.174648	0.05135931	0.039798542	0	C1
13	KINTOM	0.037037	0.3338583	0.197183	0.232965829	0.123974219	0.33333	C1
14	NUHON	1	0.6011811	0.502817	0.280216394	0.279012433	0.33333	C2
15	BUNTA	0.373737	0.3811024	0.577465	0.32664521	0.175465784	1	C2
16	PAGIMANA	0.484848	0.9948819	0.51831	0.648907759	0.119536505	0.33333	C2
17	BUALEMO	0.602694	0.8409449	0.260563	0.495377662	0.169971472	0	C2
18	LUWUK	0.03367	1	1	0.248442101	0.145282288	0	C2
19	TOILI BARAT	0.373737	0.557874	0.6	1	0.668791604	0.33333	C2
20	BATUI	0.127946	0.180315	0.378873	0.274053277	0.578839855	0.33333	C3
21	BATUI SELATAN	0.59596	0.1814961	0.294366	0.205574197	0.482795055	0	C3
22	MOILONG	0.767677	0.503937	0.484507	0.04683969	0.720107069	0	C3
23	TOILI	0.107744	0.5555118	0.769014	0.173936862	1	0.33333	C4

No	KECAMATAN	JUMLAH KASUS BALITA STUNTING	JUMLAH KEMISKINAN	JUMLAH BALITA IMUNISASI LENGKAP	JUMLAH MASYARAKAT DGN JAMBAN TIDAK SEHAT	JUMLAH MASYARAKAT DGN AIR MINUM TIDAK LAYAK	JUMLAH SUNGAI	Kelompok
1	SIMPANG RAYA	16	1138	173	4503	8132	0	1
2	LOBU	16	609	54	542	0	0	1
3	BALANTAK UTARA	25	973	83	670	924	0	1
4	BALANTAK	66	1382	81	910	194	0	1
5	BALANTAK SELATAN	60	1400	120	1111	903	0	1
6	MANTOH	3	783	154	3597	3005	0	1
7	LAMALA	46	1791	112	2040	153	0	1
8	MASAMA	113	1083	211	1868	1980	0	1
9	LUWUK TIMUR	144	1677	219	1445	0	0	1
10	LUWUK UTARA	149	475	313	5106	643	0	1
11	LUWUK SELATAN	85	521	525	517	2360	0	1
12	NAMBO	28	834	178	1267	1130	0	1
13	KINTOM	14	1323	194	3919	3520	1	1
14	NUHON	300	2002	411	4609	7922	1	2
15	BUNTA	114	1443	464	5287	4982	3	2
16	PAGIMANA	147	3002	422	9993	3394	1	2
17	BUALEMO	182	2611	239	7751	4826	0	2
18	LUWUK	13	3015	764	4145	4125	0	2
19	TOILI BARAT	114	1892	480	15120	18989	1	2
20	BATUI	41	933	323	4519	16435	1	3
21	BATUI SELATAN	180	936	263	3519	13708	0	3
22	MOILONG	231	1755	398	1201	20446	0	3
23	TOILI	35	1886	600	3057	28393	1	3

**LAMPIRAN 5 Hasil K-Means Data Kasus Stunting dan Faktor Yang Mempengaruhi Tahun 2019**

- Iterasi 1

No	Kecamatan	Jarak ke C1	Carak ke C2	Jarak ke C3	Kelompok
1	NUHON	0.988142	0.209688	0.804944	C2
2	SIMPANG RAYA	1.120255	1.008411	1.100403	C2
3	BUNTA	1.291315	0.759149	1.444554	C2
4	L O B U	0.640413	1.049086	1.188893	C1
5	PAGIMANA	1.014151	0	0.905324	C2
6	BUALEMO	1.226479	0.905324	0	C3
7	BALANTAK UTARA	0.613088	1.100025	1.228041	C1
8	BALANTAK	0.650842	0.831644	1.096887	C1
9	BALANTAK SELATAN	0.546433	0.997395	1.138928	C1
10	MANTOH	0.550767	0.999563	1.13178	C1
11	LAMALA	0.704543	0.82301	0.976825	C1
12	MASAMA	0.637763	0.816639	0.832618	C1
13	LUWUK TIMUR	0.931267	0.543312	0.535499	C3
14	LUWUK UTARA	0.6107	0.795892	0.794215	C1
15	LUWUK	1.046149	0.77147	1.336255	C2
16	LUWUK SELATAN	0	1.014151	1.226479	C1
17	NAMBO	0.567947	1.010199	1.071167	C1
18	KINTOM	0.765424	0.609009	0.837643	C2
19	BATUI	0.736315	0.506388	1.050679	C2
20	BATUI SELATAN	1.103101	0.889029	0.236703	C3
21	MOILONG	0.544417	0.696064	0.795645	C1
22	TOILI	1.427237	0.914003	0.793868	C3
23	TOILI BARAT	1.009595	0.409559	0.837865	C2

- Iterasi 2

No	KECAMATAN	jarak ke c1	jarak ke c2	jarak ke c3	Kelompok
1	NUHON	0.800794	0.193538	0.590864	C2
2	SIMPANG RAYA	0.94249	0.823859	0.963428	C2
3	BUNTA	1.212475	0.730046	1.24103	C2
4	L O B U	0.267494	0.908216	1.096748	C1
5	PAGIMANA	0.880845	0.259132	0.70575	C2
6	BUALEMO	1.013235	0.9061	0.237048	C3
7	BALANTAK UTARA	0.26289	0.933088	1.122727	C1
8	BALANTAK	0.232844	0.706273	0.964033	C1
9	BALANTAK SELATAN	0.172444	0.833071	1.032134	C1
10	MANTOH	0.177928	0.822791	1.017461	C1
11	LAMALA	0.300148	0.745026	0.884189	C1
12	MASAMA	0.230622	0.71139	0.737529	C1
13	LUWUK TIMUR	0.647079	0.517971	0.397342	C3
14	LUWUK UTARA	0.411629	0.635615	0.643235	C1
15	LUWUK	1.207314	0.845655	1.189936	C2
16	LUWUK SELATAN	0.498538	0.842536	1.104209	C1
17	NAMBO	0.159944	0.848329	0.966239	C1
18	KINTOM	0.449311	0.48741	0.680166	C1
19	BATUI	0.618866	0.296357	0.833666	C2
20	BATUI SELATAN	0.844197	0.864879	0.330021	C3
21	MOILONG	0.359881	0.578388	0.649848	C1
22	TOILI	1.342782	0.913323	0.652119	C3
23	TOILI BARAT	0.951994	0.365181	0.669	C2

- Iterasi 3

No	Kecamatan	Jarak ke C1	Jarak ke C2	Jarak ke C3	Kelompok
1	NUHON	0.770118	0.214845	0.590864	C2
2	SIMPANG RAYA	0.93465	0.963428	0.828485	C3
3	BUNTA	1.181157	0.73481	1.24103	C2
4	L O B U	0.283644	0.964137	1.096748	C1
5	PAGIMANA	0.852477	0.250087	0.70575	C2
6	BUALEMO	0.992039	0.936406	0.237048	C3
7	BALANTAK UTARA	0.283705	0.988941	1.122727	C1
8	BALANTAK	0.230726	0.759189	0.964033	C1
9	BALANTAK SELATAN	0.193955	0.887548	1.032134	C1
10	MANTOH	0.197469	0.876897	1.017461	C1
11	LAMALA	0.291117	0.801868	0.884189	C1
12	MASAMA	0.212624	0.772528	0.737529	C1
13	LUWUK TIMUR	0.624416	0.555475	0.397342	C3
14	LUWUK UTARA	0.397628	0.685047	0.643235	C1
15	LUWUK	1.198317	0.81149	1.189935	C2
16	LUWUK SELATAN	0.511106	0.875424	1.104208	C1
17	NAMBO	0.173601	0.90739	0.96624	C1
18	KINTOM	0.411868	0.557039	0.680166	C1
19	BATUI	0.593765	0.33195	0.833666	C2
20	BATUI SELATAN	0.824197	0.90698	0.330021	C3
21	MOILONG	0.343257	0.62945	0.649848	C1
22	TOILI	1.316259	0.910493	0.652119	C3
23	TOILI BARAT	0.927265	0.339048	0.669	C2

- Iterasi 4

No	Kecamatan	Jarak ke C1	Jarak ke C2	Jarak ke C3	Kelompok
1	NUHON	0.770118	0.214845	0.590864	C2
2	SIMPANG RAYA	0.93465	0.963428	0.828485	C3
3	BUNTA	1.181157	0.73481	1.24103	C2
4	L O B U	0.283644	0.964137	1.096748	C1
5	PAGIMANA	0.852477	0.250087	0.70575	C2
6	BUALEMO	0.992039	0.936406	0.237048	C3
7	BALANTAK UTARA	0.283705	0.988941	1.122727	C1
8	BALANTAK	0.230726	0.759189	0.964033	C1
9	BALANTAK SELATAN	0.193955	0.887548	1.032134	C1
10	MANTOH	0.197469	0.876897	1.017461	C1
11	LAMALA	0.291117	0.801868	0.884189	C1
12	MASAMA	0.212624	0.772528	0.737529	C1
13	L UWUK TIMUR	0.624416	0.555475	0.397342	C3
14	L UWUK UTARA	0.397628	0.685047	0.643235	C1
15	L UWUK	1.198317	0.81149	1.189935	C2
16	L UWUK SELATAN	0.511106	0.875424	1.104208	C1
17	NAMBO	0.173601	0.90739	0.96624	C1
18	KINTOM	0.411868	0.557039	0.680166	C1
19	BATUI	0.593765	0.33195	0.833666	C2
20	BATUI SELATAN	0.824197	0.90698	0.330021	C3
21	MOILONG	0.343257	0.62945	0.649848	C1
22	TOILI	1.316259	0.910493	0.652119	C3
23	TOILI BARAT	0.927265	0.339048	0.669	C2

- Hasil Akhir

No	KECAMATAN	JUMLAH KASUS BALITA STUNTING	JUMLAH KEMISKINAN	JUMLAH BALITA IMUNISASI LENGKAP	JUMLAH MASYARAKAT DGN JAMBAN TIDAK SEHAT	JUMLAH MASYARAKAT DGN AIR MINUM TIDAK LAYAK	JUMLAH SUNGAI	Kelompok
1	LOBU	0.19060052	0.106623586	0	0.010887131	0	0	C1
2	BALANTAK UTARA	0.10443864	0	0.0237099	0.013268691	0.120308889	0	C1
3	BALANTAK	0.10704961	0.30833141	0.0446304	0.11601599	0.153186884	0	C1
4	BALANTAK SELATAN	0.15926893	0.071543965	0.0934449	0.076805307	0.073010209	0	C1
5	MANTOH	0.13315927	0.037387491	0.1004184	0.112783873	0.138415187	0	C1
6	LAMALA	0.33681462	0.373874913	0.0502092	0.045079527	0.069968117	0	C1
7	MASAMA	0.40469974	0.268636049	0.1603905	0.053244875	0.242080323	0	C1
8	LUWUK UTARA	0.29765013	0.173551812	0.3779637	0.211108276	0.499722117	0	C1
9	LUWUK SELATAN	0.07832898	0.06808216	0.6276151	0	0.044929359	0	C1
10	NAMBO	0.21148825	0.041080083	0.111576	0.018542145	0.238482464	0	C1
11	KINTOM	0.36031332	0.348949919	0.1743375	0.178787106	0.325884108	0.33333	C1
12	MOILONG	0.31592689	0.325409647	0.404463	0.109296589	0.379559482	0	C1
13	NUHON	0.32375979	0.658204477	0.3500697	0.52241218	0.371866499	0.33333	C2
14	BUNTA	0	0.669743826	0.3891213	0.343540019	0.397724281	1	C2
15	PAGIMANA	0.28981723	0.818601431	0.432357	0.457599728	0.293649633	0.33333	C2
16	LUWUK	0.09138381	1	1	0.295143319	0.04232603	0	C2
17	BATUI	0.02088773	0.410570044	0.3835425	0.370927958	0.381519291	0.33333	C2
18	TOILI BARAT	0.4308094	0.600738518	0.5801953	0.697882113	0.14941352	0.33333	C2
19	SIMPANG RAYA	0.1618799	0.083544888	0.1980474	1	0.296369965	0	C3
20	BUALEMO	1	0.440803139	0.3891213	0.46508463	0.537543511	0	C3
21	LUWUK TIMUR	0.54569191	0.536118163	0.237099	0.449859658	0.318600638	0	C3
22	BATUI SELATAN	0.94255875	0.363258712	0.2663877	0.363868334	0.391230585	0	C3
23	TOILI	0.64751958	0.5585045	0.748954	0.659181764	1	0.33333	C3

No	KECAMATAN	JUMLAH KASUS BALITA STUNTING	JUMLAH KEMISKINAN	JUMLAH BALITA IMUNISASI LENGKAP	JUMLAH MASYARAKAT DGN JAMBAN TIDAK SEHAT	JUMLAH MASYARAKAT DGN AIR MINUM TIDAK LAYAK	JUMLAH SUNGAI	Kelompok
1	LOBU	83	1213	62	313	39	0	1
2	BALANTAK UTARA	50	751	79	341	4152	0	1
3	BALANTAK	51	2087	94	1549	5276	0	1
4	BALANTAK SELATAN	71	1061	129	1088	2535	0	1
5	MANTOH	61	913	134	1511	4771	0	1
6	LAMALA	139	2371	98	715	2431	0	1
7	MASAMA	165	1915	177	811	8315	0	1
8	LUWUK UTARA	124	1503	333	2667	17123	0	1
9	LUWUK SELATAN	40	1046	512	185	1575	0	1
10	NAMBO	91	929	142	403	8192	0	1
11	KINTOM	148	2263	187	2287	11180	1	1
12	MOILONG	131	2161	352	1470	13015	0	1
13	NUHON	134	3603	313	6327	12752	1	2
14	BUNTA	10	3653	341	4224	13636	3	2
15	PAGIMANA	121	4298	372	5565	10078	1	2
16	LUWUK	45	5084	779	3655	1486	0	2
17	BATUI	18	2530	337	4546	13082	1	2
18	TOILI BARAT	175	3354	478	8390	5147	1	2
19	SIMPANG RAYA	72	1113	204	11942	10171	0	3
20	BUALEMO	393	2661	341	5653	18416	0	3
21	LUWUK TIMUR	219	3074	232	5474	10931	0	3
22	BATUI SELATAN	371	2325	253	4463	13414	0	3
23	TOILI	258	3171	599	7935	34226	1	3

## LAMPIRAN 6 Kode untuk Tampilan User

- **Index.php**

```
<?php include "konfig/koneksi.php"; ?>
<!DOCTYPE html>
<html lang="en">

<head>
  <!-- Required meta tags-->
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no">
  <meta name="description" content="au theme template">
  <meta name="author" content="Hau Nguyen">
  <meta name="keywords" content="au theme template">

  <!-- Title Page-->
  <title>Web Gis</title>

  <!-- Fontfaces CSS-->
  <link href="css/font-face.css" rel="stylesheet" media="all">
  <link href="vendor/font-awesome-4.7/css/font-
awesome.min.css" rel="stylesheet" media="all">
  <link href="vendor/font-awesome-5/css/fontawesome-
all.min.css" rel="stylesheet" media="all">
  <link href="vendor/mdi-font/css/material-design-iconic-
font.min.css" rel="stylesheet" media="all">

  <!-- Bootstrap CSS-->
  <link href="vendor/bootstrap-
4.1/bootstrap.min.css" rel="stylesheet" media="all">

  <!-- Vendor CSS-->
  <link href="vendor/animation/animation.min.css" rel="styleshee
t" media="all">
  <link href="vendor/bootstrap-progressbar/bootstrap-progressbar-
3.3.4.min.css" rel="stylesheet" media="all">
  <link href="vendor/wow/animate.css" rel="stylesheet" media="all"
>
  <link href="vendor/css-
hamburgers/hamburgers.min.css" rel="stylesheet" media="all">
  <link href="vendor/slick/slick.css" rel="stylesheet" media="all"
>
```

```

    <link href="vendor/select2/select2.min.css" rel="stylesheet" media="all">
    <link href="vendor/perfect-scrollbar/perfect-scrollbar.css" rel="stylesheet" media="all">

    <!-- Main CSS-->
    <link href="css/theme.css" rel="stylesheet" media="all">
    <link href="css/style.css" rel="stylesheet" media="all">
    <link rel="stylesheet" href="./map/resources/ol.css">
    <link rel="stylesheet" href="map/resources/fontawesome-all.min.css">
    <link rel="stylesheet" href="./map/resources/ol-layerswitcher.css">
    <link rel="stylesheet" href="./map/resources/qgis2web.css">

</head>

<body class="animsition">
    <div class="page-wrapper">
        <div class="background">
            <div class="transbox">
                <center><p><B>PETA PERSEBARAN PENYAKIT STUNTING DI KABUPATEN BANGGAI</B></p></center>
            </div>
        </div>
        <!-- END WELCOME-->

        <!-- PAGE CONTENT-->
        <div class="page-container3">

            <section>
                <div class="container">
                    <div class="row">
                        <p>&nbsp;</p>
                        <div class="col-xl-12">
                            <!-- PAGE CONTENT-->
                            <div class="page-content">

                                <div class="row">
                                    <div class="col-lg-8">
                                        <!-- RECENT REPORT-->
                                        <?php include 'konfig/content.php'; ?>
                                        <!-- END RECENT REPORT-->
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </section>
        </div>
    </body>
</html>

```



```

        <div class="col-lg-4">
            <!-- CHART PERCENT-->
            <div class="background3">
                <a href="admin/"><button
type="button" class="btn btn-primary btn-lg btn-
block" style="width: 410px; height: 35px">Login</button></a><hr>
                <a href="?module=data_ke
camatan"><button type="button" class="btn btn-primary btn-lg btn-
block" style="width: 410px; height: 35px"><font color="white">Lihat
Data Kecamatan</font></button></a>
            </div>
            <div class="chart-percent-
3 m-b-40" style="width: 410px">
                <h3 class="title-3 m-b-
25" align="center">Informasi</h3>
                <?php
$query = mysqli_query($c
onn, "select * from tb_stunting");
                while($data = mysqli_fet
ch_array($query)){
                    echo "
                    <div class='char
t-note m-b-5'>
                        <span class=
'dot dot--blue'></span>
                        <span><a hre
f='?module=artikel&id=$data[id_stunting]'" cantin>".$data['judul']"."</a></sp
an>
                    </div>
                    ";
                }
                ?>
            </div>
            <!-- END CHART PERCENT-->
        </div>
    </div>

<?php
if($_GET['module'] !='artikel'){
    echo "
        <div class='background1'>
            <h4>Stunting di Kab. Ban
ggai</h4>

```

<font size='2'><p>Stunting adalah masalah gizi kronis yang disebabkan oleh asupan gizi yang kurang dalam waktu lama.

Hal ini terjadi karena asupan makan yang tidak sesuai dengan kebutuhan gizi. Stunting terjadi mulai dari dalam kandungan

dan baru terlihat saat anak berusia dua tahun. Menurut UNICEF, stunting didefinisikan sebagai persentase anak-anak usia 0 sampai 59 bulan,

dengan tinggi di bawah minus dua (stunting sedang dan berat) dan minus tiga (stunting kronis) diukur dari Multicentre Growth Reference Study atau standar deviasi median standar pertumbuhan anak dari WHO.

Di Kabupaten Banggai sendiri, menurut data yang diperoleh dari Dinas Kesehatan Kabupaten Banggai,

pada tahun 2018 terdapat 2.122 jiwa balita yang menderita stunting. Sementara pada tahun 2019, terdapat 3.023 balita stunting</p></font>

</div>

";

}

?>

<div class="row">

<div class="col-md-12">

<div class="copyright">

<p>Copyright © 2018 Colo

rlib. All rights reserved. Template by <a href="https://colorlib.com">Colorlib</a>.</p>

</div>

</div>

</div>

</div>

<!-- END PAGE CONTENT-->

</div>

</div>

</div>

</section>

</div>

<!-- END PAGE CONTENT -->

</div>

<!-- JQuery JS-->

```

<script src="vendor/jquery-3.2.1.min.js"></script>
<!-- Bootstrap JS-->
<script src="vendor/bootstrap-4.1/popper.min.js"></script>
<script src="vendor/bootstrap-4.1/bootstrap.min.js"></script>
<!-- Vendor JS      -->
<script src="vendor/slick/slick.min.js">
</script>
<script src="vendor/wow/wow.min.js"></script>
<script src="vendor/ansition/ansition.min.js"></script>
<script src="vendor/bootstrap-progressbar/bootstrap-
progressbar.min.js">
</script>
<script src="vendor/counter-
up/jquery.waypoints.min.js"></script>
<script src="vendor/counter-up/jquery.counterup.min.js">
</script>
<script src="vendor/circle-progress/circle-
progress.min.js"></script>
<script src="vendor/perfect-scrollbar/perfect-
scrollbar.js"></script>
<script src="vendor/chartjs/Chart.bundle.min.js"></script>
<script src="vendor/select2/select2.min.js">
</script>

<!-- Main JS-->
<script src="js/main.js"></script>
<script src="map/resources/qgis2web_expressions.js"></script>
<script src="map/resources/polyfills.js"></script>
<script src="./map/resources/functions.js"></script>
<script src="./map/resources/ol.js"></script>
<script src="./map/resources/ol-layerswitcher.js"></script>
<script src="map/layers/batas_1.js"></script>

<?php include "map/layers/banggai_2.php"; ?>

<script src="map/styles/batas_1_style.js"></script>

<?php include 'map/styles/banggai_2_style.php' ?>

<script src="./map/layers/layers.js" type="text/javascript"></sc
ript>
<script src="./map/resources/Autolinker.min.js"></script>
<script src="./map/resources/qgis2web.js"></script>

```

```

</body>

</html>
<!-- end document-->

```

- **Beranda.php**

```

<?php
    $value = $_POST[cluster];
    if($_POST[cluster]=='tinggi'){
        $text = "Resiko Tinggi";
    }elseif($_POST[cluster]=='sedang'){
        $text = "Resiko Sedang";
    }elseif($_POST[cluster]=='rendah'){
        $text = "Resiko Rendah";
    }elseif($_POST[cluster]=='semua'){
        $text = "Semua Kategori";
    }elseif(empty($_POST[cluster])){
        $text = "Pilih Kategori";
    }
};
?>
<style>p.indent{padding-left: 8.2em}</style>
<form action="" method="post">
<div class="background3">
    <div class="row form-group">
        <p><font size="5"><b>Kabupaten Banggai</b></font></p>
        <p class="indent">
            <div class="col-4 col-md-3">
                <select name="cluster" id="select" class="form-control">
                    <option value="<?=$value?>"><?=$text?></option>
                    <option value="semua">Semua Kategori</option>
                    <option value="tinggi">Resiko Tinggi</option>
                    <option value="sedang">Resiko Sedang</option>
                    <option value="rendah">Resiko Rendah</option>
                </select>
            </div>
            <div class="col-4 col-md-3">
                <select name="tahun" id="select" class="form-control">
                    <?php
                    if(empty($_POST['tahun'])){
                        echo "
                            <option value=''>Pilih Tahun</option>
                        ";
                    }
                </select>
            </div>
        </p>
    </div>
</div>

```

```

        }elseif($_POST['tahun'] == $_POST['tahun']){
            $query1 = mysqli_query($conn, "select * from tb_
tahun where id_tahun = '". $_POST['tahun']."'");
            $data2 = mysqli_fetch_array($query1);
            echo "<option value='". $data2['id_tahun']."'>". $
data2['tahun']."</option>";
        }

        $query = mysqli_query($conn, "select * from tb_t
ahun");
        while($data = mysqli_fetch_array($query)){
            echo "
            <option value=". $data['id_tahun']."'>". $d
ata['tahun']."</option>
            ";
        }
    ?>
</select>
</div>
<button type="submit" class="btn btn-outline-primary btn-
sm" style="height: 30px; width: 65px">Lihat</button>
</p>
</div>
</div>
</form>
<div class="background3">
    <?php include "map/index.php"; ?>
</div>
<div class="background2">
    <div class="title-wrap">

        <div class="chart-info-wrap">
            <div class="chart-note">
                <span></span>
                <span>Resiko Rendah</span>
            </div>
            <div class="chart-note">
                <span></span>
                <span>Resiko Sedang</span>
            </div>
            <div class="chart-note mr-0">
                <span></span>

```

```

        <span>Resiko Tinggi</span>
    </div>
</div>
</div>
</div>
</div>

```

- **data\_kecamatan.php**

```

<?php error_reporting(0); ?>
<style>p.indent{padding-left: 40.4em}</style>
<form action="" method="post">
<div class="background3">
    <div class="row form-group">
        <p>
            &nbsp;<a href="?module=beranda"><button type="button" class="btn btn-primary btn-lg btn-block" style="width: 120px; height: 35px">Beranda</button></a>
        </p>
        <p class="indent">
            <div class="col-4 col-md-3">
                <select name="tahun" id="select" class="form-control" onchange="this.form.submit(">
                    <?php
                    if(empty($_POST)){
                        $tahun = mysqli_fetch_array(mysqli_query($conn,
"select min(id_tahun)as id, min(tahun) as tahun from tb_tahun"));
                        echo "
                        <option value='". $tahun['id']."'>". $tahun['tahun
' ]. "</option>
                        ";
                    }else{
                        $tahun = mysqli_fetch_array(mysqli_query($conn,
"select * from tb_tahun where id_tahun='". $_POST['tahun']."'"));
                        echo "
                        <option value='". $tahun['id_tahun']."'>". $ta
hun['tahun']."'</option>
                        ";
                    }
                    $query = mysqli_query($conn, "select * from tb_tahun
");
                    while($data = mysqli_fetch_array($query)){
                        echo "

```

```

        <option value="'.$data['id_tahun'].'">".$data['t
ahun'].</option>
        ";
    }
    ?>
</select>
</div>
</p>
</div>
</div>
</form>
<div class="background3">
    <div class="table-responsive m-b-40">
        < table class= table table -hover'>
            <thead style="background: #A9A9A9;">
                <tr>
                    <th>No.</th>
                    <th>Kecamatan</th>
                    <th>Jumlah Kasus</th>
                    <th>Jumlah Kemiskinan</th>
                    <th>Jumlah Balita</th>
                    <th>Jamban Tidak Sehat</th>
                    <th>Air Minum Tidak Layak</th>
                    <th>Jumlah Sungai</th>
                </tr>
            </thead>
            <tbody>
                <?php
                if(empty($_POST)){
                    $_POST['tahun']=1;
                };
                $no = 1;
                $que = mysqli_query($conn, "select min(id_tahun)
as id_tahun from tb_tahun");
                $id = mysqli_fetch_array($que);
                $query1 = mysqli_query($conn, "select * from tb_
data_kecamatan where id_tahun='". $id['id_tahun']. "'");
                if($_POST['tahun'] == $_POST['tahun']){
                    $query1 = mysqli_query($conn, "select * from tb_
data_kecamatan where id_tahun = '". $_POST['tahun']. "'");
                }

                while($data1 = mysqli_fetch_array($query1)){
                    echo "
                    <tr>

```

```

        <td>$no</td>
        <td>".$data1['kecamatan']. "</td>
        <td>$data1[jumlah_kasus]</td>
        <td>$data1[jumlah_kemiskinan]</td>
        <td>$data1[jumlah_balita]</td>
        <td>$data1[jmbn_tdk_sehat]</td>
        <td>$data1[air_tdk_layak]</td>
        <td>$data1[jumlah_sungai]</td>
    </tr>
    ";
    $no++;
}
?>

</tbody>
</table>
<hr>
</div>
</div>

```

- **standar\_badan\_anak.php**

```

<?php
if(empty($_POST)){
    $_POST['jk'] = "laki-laki";
    $_POST['kategori'] = "umur";
}
?>
<div class="table-responsive m-b-40">
    < table class= table table-hover' border="1">
        <thead style="background: #A9A9A9;">
            <tr>
                <th rowspan="2">No.</th>
                <th rowspan="2" width="100"><center><?php if($_POST[
'kategori']=='umur'){ echo "Umur (bulan)"; }else{ echo "Tinggi Badan
(cm)"; }?></center></th>
                <th colspan="7"><center><?php if($_POST['kategori']=
='umur'){ echo "Panjang Badan (cm)"; }else{ echo "Berat Badan (kg)";
} ?></center></th>
            </tr>
            <tr>
                <th>-3SD</th>

```



```

        <th>-2SD</th>
        <th>-1SD</th>
        <th>Median</th>
        <th>+1SD</th>
        <th>+2SD</th>
        <th>+3SD</th>
    </tr>
</thead>
<tbody>
    <?php
    $no = 1;
    $query1 = mysqli_query($conn, "select * from tb_standar_
badan_anak where jk = '". $_POST['jk']."' and kategori = '". $_POST['k
ategori']."'");
    while($data1 = mysqli_fetch_array($query1)){
        echo "
        <tr>
            <td>$no</td>
            <td>". $data1['umur/tinggi'] . "</td>
            <td bgcolor='#D30000'><font color='white'>". $dat
a1['-3SD'] . "</font></td>
            <td bgcolor='#FF2800'><font color='white'>". $dat
a1['-2SD'] . "</font></td>
            <td bgcolor='#FFD800'><font color='white'>". $dat
a1['-1SD'] . "</font></td>
            <td bgcolor='#55CD4C'><font color='white'>". $dat
a1['median'] . "</font></td>
            <td bgcolor='#FFD800'><font color='white'>". $dat
a1['+1SD'] . "</font></td>
            <td bgcolor='#FF2800'><font color='white'>". $dat
a1['+2SD'] . "</font></td>
            <td bgcolor='#D30000'><font color='white'>". $dat
a1['+3SD'] . "</font></td>
        </tr>
        ";
        $no++;
    }
    ?>

</tbody>
</table>
</div>

```

- **artikel.php**

```

<?php
$query = mysqli_query($conn, "select * from tb_stunting where id_stu-
nting = '$_GET[id]'");
$data = mysqli_fetch_array($query);
if(empty($_POST)){
    $_POST['jk'] = "laki-laki";
    $_POST['kategori'] = "umur";
}
?>
<style>p.indent{padding-left: 18.4em}</style>
<form action="" method="post">
<div class="background3">
    <div class="row form-group">
        <p>
            <a href="?module=beranda"><button type="button" class="b-
tn btn-primary btn-lg btn-
block" style="width: 120px; height: 35px">Beranda</button></a>
        </p>
        <?php
        if($data['judul'] == 'Standar Badan Anak' ){
            echo "
            <p class='indent'>
            <div class='col-4 col-md-3'>
                <select name='jk' id='select' class='form-control'>
                    <option value='".$_POST['jk']."'>".$_POST['jk'].
"</option>
                    <option value='laki-laki'>Laki-laki</option>
                    <option value='perempuan'>Perempuan</option>
                </select>
            </div>
            <div class='col-4 col-md-3'>
                <select name='kategori' id='select' class='form-
control'>
                    <option value='".$_POST['kategori']."'>Berdasark
an ".$_POST['kategori']."'</option>
                    <option value='umur'>Berdasarkan Umur</option>
                    <option value='tinggi'>Berdasarkan Tinggi</optio
n>
                </select>
            </div>
            <button type='submit' class='btn btn-outline-
primary btn-sm' style='height: 30px; width: 65px'>Lihat</button>

```

```

        </p>
        ";
    }
    ?>
</div>
</div>
</form>
<div class="background3">
    <div class="row form-group">
        <p><font size="5"><b>
            <?= $data['judul'] ?>
        </b></font></p>
    </div>
    <?php // ?>
</div>
<div class="background3">
    <?php
    if($data['judul'] == 'Standar Badan Anak' ){
        include 'standar_badan_anak.php';
    }else{
        echo $data['isi'];
    }
    ?>
</div>
<br>
<hr>

```

- **content.php**

```

<?php
error_reporting(0);
if($_GET['module'] == 'beranda'){
    include 'beranda.php';
}elseif ($_GET['module'] == 'data_kecamatan'){
    include 'data_kecamatan.php';
}elseif ($_GET['module'] == 'artikel'){
    include 'artikel.php';
}else{
    include 'beranda.php';
}
?>

```

- koneksi.php

```
<?php
//Connect.php
$server = "localhost";
$username = "root";
$password = '';
$database = "db_webgis";

// // // Koneksi dan memilih database di server
// // //mysql_connect($server,$username,$password) or die("Koneksi g
agal");
// // //mysql_select_db($database) or die("Database tidak bisa dibuk
a");

$conn = mysqli_connect($server, $username,$password,$database) or di
e ("terjadi kesalahan pada data");
// Check connection
if (!$conn) {

    die("Connection failed: " . mysqli_connect_error());
}
?>
```

## LAMPIRAN 7 Kode untuk Halaman Khusus Admin

### • cek\_login.php

```
<?php
include '../konfig/koneksi.php';
$user = $_POST['username'];
$pass = MD5($_POST['password']);
//echo MD5($_POST['password']);
$query = mysqli_query($conn, "SELECT * FROM `user` WHERE username =
'$user' && password = '$pass'");
$data = mysqli_fetch_array($query);
$baris = mysqli_num_rows($query);
//echo $baris;
if($baris > 0){
    session_start();
    $_SESSION['username'] = $data['username'];
    $_SESSION['password'] = $data['password'];
    $_SESSION['nama'] = $data['nama'];
    $_SESSION['id'] = $data['id_user'];
    echo "
        <script type='text/javascript'>document.location='admin/index.
        x.php'</script>
    ";
}
else{
    echo "
        <script>window.alert('Username atau Password Anda Salah')</scrip
        t>
        <script type='text/javascript'>document.location='index.html
        '</script>
    ";
}
?>
```

### • index.php

```
<?php
include "../../konfig/koneksi.php";
$query = mysqli_query($conn, "select * from user order by id")
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
```

```

<meta http-equiv="X-UA-Compatible" content="IE=edge">
<title>Admin</title>
<!-- Tell the browser to be responsive to screen width -->
<meta name="viewport" content="width=device-width, initial-
scale=1">

<!-- Font Awesome -->
<link rel="stylesheet" href="../../plugins/fontawesome-
free/css/all.min.css">
<!-- Ionicons -->
<link rel="stylesheet" href="https://code.ionicframework.com/ionic
ons/2.0.1/css/ionicons.min.css">
<!-- Theme style -->
<link rel="stylesheet" href="../../dist/css/adminlte.min.css">
<!-- Google Font: Source Sans Pro -->
<link href="https://fonts.googleapis.com/css?family=Source+Sans+Pr
o:300,400,400i,700" rel="stylesheet">
</head>
<body class="hold-transition lockscreen">
<!-- Automatic element centering -->
<div class="lockscreen-wrapper">
  <div class="lockscreen-logo">
    <a href="#"><b>Admin</b></a>
  </div>
  <!-- User name -->
  <?php
include '.././../konfig/koneksi.php';
$query = mysqli_query($conn, "select * from user limit 0,1");
$data = mysqli_fetch_array($query);
?>
  <div class="lockscreen-name"><?=$data['nama'] ?></div>

  <!-- START LOCK SCREEN ITEM -->
  <div class="lockscreen-item">
    <!-- lockscreen image -->
    <div class="lockscreen-image">

    </div>
    <!-- /.lockscreen-image -->

    <!-- lockscreen credentials (contains the form) -->
    <form class="lockscreen-credentials" action="" method="post">
      <div class="input-group">
        <input type="password" class="form-
control" placeholder="password" name="password" required="">

```

```

        <div class="input-group-append">
            <button type="submit" class="btn" name='login'><i class="f
as fa-arrow-right text-muted"></i></button>
        </div>
    </div>
</form>
<!-- /.lockscreen credentials -->

</div>
<!-- /.lockscreen-item -->
<div class="help-block text-center">
    Enter your password to retrieve your session
</div>
<div class="text-center">
    <a href="..">Or sign in as a different user</a>
</div>
</div>
<!-- /.center -->

<!-- jQuery -->
<script src="..../plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="..../plugins/bootstrap/js/bootstrap.bundle.min.js"></scri
pt>
</body>
</html>
<?php
if(isset($_POST['login'])) {
    if(MD5($_POST['password']) == $data['password']){
        session_start();
        $_SESSION['username'] = $data['username'];
        $_SESSION['password'] = $data['password'];
        $_SESSION['nama'] = $data['nama'];
        $_SESSION['id'] = $data['id_user'];
        echo "
            <script type='text/javascript'>document.location='../index.php
'</script>
            ";
    }else{
        echo "
            <script>window.alert('Password Anda Salah')</script>
            <script type='text/javascript'>document.location='index.php'</sc
ript>
            ";
    }
}

```

```
}  
}  
?>
```

- **beranda.php**

```
<center>  
    <label><b><h1>Peta Persebaran Penyakit Stunting di Kabupaten Ban  
ggai</h1></b></label>  
    <?php include "../..map/index.php"; ?>  
</center>
```

- **map.php**

```
<?php  
//error_reporting(0);  
$hijau = "rgba(90,234,7,1.0)";  
$kuning = "rgba(236,239,23,1.0)";  
$merah = "rgba(246,8,40,1.0)";  
$warna = "#FFFFFF";  
  
?>  
<script>  
var size = 0;  
var placement = 'point';  
function categories_banggai_2(feature, value, size, resolution, labelText, labelFont, labelFill, bufferColor, bufferWidth, placement) {  
    <?php echo "  
        switch(value.toString()) {";  
  
        $query = mysqli_query($conn, "select kecamatan from tb_data_kecamatan where id_tahun = '1'");  
        while($data = mysqli_fetch_array($query)){  
  
            echo "  
                case '". $data['kecamatan']. "':  
                    return [ new ol.style.Style({  
                        stroke: new ol.style.Stroke({color: 'rgba(35,35,35,1.0)'  
, lineDash: null, lineCap: 'butt', lineJoin: 'miter', width: 0}), fill:  
                        new ol.style.Fill({color: '$warna'}),  
                        text: createTextStyle(feature, resolution, labelText, labelFont, labelFill, placement, bufferColor, bufferWidth)
```



```

        }]);
        break;
    ";
    }
    echo "
    }
};
"; ?>
var style_banggai_2 = function(feature, resolution){
    var context = {
        feature: feature,
        variables: {}
    };
    var value = feature.get("kabupaten");
    var labelText = "";
    size = 0;
    var labelFont = "10px, sans-serif";
    var labelFill = "#000000";
    var bufferColor = "";
    var bufferWidth = 0;
    var textAlign = "left";
    var offsetX = 8;
    var offsetY = 3;
    var placement = 'point';
    if (" " !== null) {
        labelText = String("");
    }

    var style = categories_banggai_2(feature, value, size, resolution, 1
    labelText,

        labelFont, labelFill, bufferColor,
        bufferWidth, placement);

    return style;
};

</script>

```

- **informasi.php**

```

<table class="table table-striped">
  <thead>
    <tr>

```

```

        <th style="width: 10px">No</th>
        <th>Juduk</th>
        <th style="width: 180px"><center>Action</center></th>
    </tr>
</thead>
<tbody>
    <?php
    $no=1;
    $query = mysqli_query($conn, "select * from tb_stunting");
    while($data = mysqli_fetch_array($query)){
        echo "
        <tr>
            <td>$no</td>
            <td>$data[judul]</td>
            <td><center><a href='?module=detail_informasi&id=$data[id_
stunting]' title='Detail'><i class='fa fa-folder-
open'></i></a> | <a href='?module=edit_informasi&id=$data[id_stuntin
g]' title='Edit'><i class='fa fa-
edit'></i></a> | <a href='?module=hapus_informasi&id=$data[id_stunti
ng]' title='Hapus'><i class='fa fa-trash'></i></a></center></td>
        </tr>
        ";
        $no++;
    }
    ?>

</tbody>
</table>
<hr>
<div align="right">
    <a href='?module=tambah_informasi'><button type='button' class='bt
n btn-info'>Tambah Data</button></a>
</div>

```

- **tambah\_informasi.php**

```

<form action="" method="post">
    <div class="container mb-3">
        <label>Judul</label>
        <input type="text" class="form-control" name="judul" required>
    </div>
    <div class="container mb-3">
        <label>Isi Informasi</label>

```

```

    <div class="mb-3" style="margin-bottom: 100px;">
        <textarea name="info" id="custom1"></textarea>
    </div>
    <div align="right">
        <button type='submit' class='btn btn-
info' name='tambah'>Tambah</button>
    </div>
</div>
</form>
<?php
if (isset($_POST['tambah'])) {
    $judul = $_POST['judul'];
    $isi = $_POST['info'];

    mysqli_query($conn, "INSERT into tb_stunting values ('NULL', '$jud
ul', '$isi')");
    echo "
        <script>document.location='?module=informasi';</script>
    ";
}
?>

```

- **edit\_informasi.php**

```

<?php
$query = mysqli_query($conn, "select * from tb_stunting where id_stu
nting='$_GET[id]'");
$data = mysqli_fetch_array($query);
?>
<form action="" method="post">
    <div class="container mb-3">
        <label>Judul</label>
        <input type="text" class="form-
control" name="judul" value="<?=$data['judul'] ?>" required>
    </div>
    <div class="container mb-3">
        <label>Isi Informasi</label>
        <div class="mb-3" style="margin-bottom: 100px;">
            <textarea name="info" id="custom1"><?=$data['isi'] ?></textare
a>
        </div>
    <div align="right">

```

```

        <button type='submit' class='btn btn-
info' name='edit'>Edit</button>
    </div>
</div>
</form>
<?php
if (isset($_POST['edit'])) {
    $judul = $_POST['judul'];
    $isi = $_POST['info'];

    mysqli_query($conn, "UPDATE `tb_stunting` SET `judul` = '$judul',
`isi` = '$isi' WHERE `tb_stunting`.`id_stunting` = $_GET[id];");
    echo "
        <script>document.location='?module=informasi';</script>
    ";
}
?>

```

- **data\_kecamatan.php**

```

<?php
$query1 = mysqli_query($conn, "select * from tb_data_kecamatan where
    id_tahun='".$_$_GET['id_tahun']."'");

$baris = mysqli_num_rows($query1);
if($baris < 1 ){
    echo "
        <div class='alert alert-info alert-dismissible'>
            <button type='button' class='close' data-
dismiss='alert' aria-hidden='true'>&times;</button>
            <h4><i class='icon fa fa-info'></i> Tidak Ada Data!</h4>
        </div>
    ";
}else{
?>
<div class="table-responsive m-b-40">
    <table class= table table-hover'>
        <thead style="background: #A9A9A9;">
            <tr>
                <th>No.</th>
                <th>Kecamatan</th>
                <th>Jumlah Kasus</th>
                <th>Jumlah Kemiskinan</th>

```

```

        <th>Jumlah Balita</th>
        <th>Jamban Tidak Sehat</th>
        <th>Air Minum Tidak Layak</th>
        <th>Jumlah Sungai</th>
        <th>Action</th>
    </tr>
</thead>
<tbody>
<?php
$no = 1;
while($data1 = mysqli_fetch_array($query1)){
    echo "
    <tr>
        <td>$no</td>
        <td>".$data1['kecamatan']."</td>
        <td>$data1[jumlah_kasus]</td>
        <td>$data1[jumlah_kemiskinan]</td>
        <td>$data1[jumlah_balita]</td>
        <td>$data1[jmbn_tdk_sehat]</td>
        <td>$data1[air_tdk_layak]</td>
        <td>$data1[jumlah_sungai]</td>
        <td><center><a href='?module=edit_data_kecamatan&id=
$data1[id_data]&ket=$_GET[module]&tahun=$_GET[id_tahun]' title='Edit
'><i class='fa fa-
edit'></i></a> | <a href='?module=hapus_data_kecamatan&id=$data1[id_
data]&ket=$_GET[module]&tahun=$_GET[id_tahun]' title='Hapus'><i clas
s='fa fa-trash'></i></a></center></td>
    </tr>
    ";
    $no++;
    }
?>
</tbody>
</table>
<hr>
</div>

<?php
}
?>

<?php

if ($baris<23) {
    echo "

```

```

        <div align='right'>
            <div class='btn-group'>;
            if($baris == 0){
                echo "
                    <a href='?module=sinkron_data_kecamatan&ket=" . $_GET['mod
ule'] . "&id_tahun=" . $_GET['id_tahun'] . "'><button type='button' class=
'btn btn-info'>Sinkron Data</button></a>&nbsp;
                ";
            }
            echo "
                <a href='?module=tambah_kecamatan&ket=" . $_GET['module'] . "&id
_tahun=" . $_GET['id_tahun'] . "'><button type='button' class='btn btn-
info'>Tambah Data</button>
                </a>
            </div>
        </div>
    ";
}
?>

```

- **tambah\_kecamatan.php**

```

<div class="col-sm-6">
    <form role="form" action="" method="post">
        <div class="card-body">
            <div class="form-group">
                <label>Kecamatan</label>
                <input type="text" class="form-
control" name="kecamatan" required>
            </div>
            <div class="form-group">
                <label>Jumlah Kasus</label>
                <input type="text" class="form-
control" name="kasus" required>
            </div>
            <div class="form-group">
                <label>Jumlah Kemiskinan</label>
                <input type="text" class="form-
control" name="miskin" required>
            </div>
            <div class="form-group">
                <label>Jumlah Balita</label>

```

```

        <input type="text" class="form-
control" name="balita" required>
    </div>
    <div class="form-group">
        <label>Jumlah Jamban Tidak Sehat</label>
        <input type="text" class="form-
control" name="jamban" required>
    </div>
    <div class="form-group">
        <label>Air Minum Tidak Layak</label>
        <input type="text" class="form-
control" name="air_minum">
    </div>
    <div class="form-group">
        <label>Jumlah Sungai</label>
        <input type="text" class="form-control" name="sungai">
    </div>
    <div align="right">
        <button type="submit" class="btn btn-
primary" name="tambah">Tambah</button>
    </div>
</div>
</form>
</div>

<?php
    if(isset($_POST['tambah'])){
        $kecamatan = $_POST['kecamatan'];
        $kasus = $_POST['kasus'];
        $miskin = $_POST['miskin'];
        $balita = $_POST['balita'];
        $jamban = $_POST['jamban'];
        $air_minum = $_POST['air_minum'];
        $sungai = $_POST['sungai'];

        mysqli_query($conn, "INSERT into tb_data_kecamatan values ('
NULL', '". $_GET['id_tahun']. "', '$kecamatan', '$kasus', '$miskin', '
$balita', '$jamban', '$air_minum', '$sungai', '')");

        echo "
        <script>document.location='?module=". $_GET['ket']. "&id_t
ahun=". $_GET['id_tahun']. "';</script>
        ";
    }
?>

```

- **edit\_data\_kecamatan.php**

```
<?php
$query = mysqli_query($conn, "select * from tb_data_kecamatan where
id_data = '$_GET[id]'");
$data = mysqli_fetch_array($query);
?>
<div class="col-sm-6">
    <form role="form" action="" method="post">
        <div class="card-body">
            <div class="form-group">
                <label>Kecamatan</label>
                <input type="text" class="form-
control" name="kecamatan" required value="<?=$data['kecamatan'] ?>">
            </div>
            <div class="form-group">
                <label>Jumlah Kasus</label>
                <input type="text" class="form-
control" name="kasus" required value="<?=$data['jumlah_kasus'] ?>">
            </div>
            <div class="form-group">
                <label>Jumlah Kemiskinan</label>
                <input type="text" class="form-
control" name="miskin" required value="<?=$data['jumlah_kemiskinan']
?>">
            </div>
            <div class="form-group">
                <label>Jumlah Balita</label>
                <input type="text" class="form-
control" name="balita" required value="<?=$data['jumlah_balita'] ?>"
>
            </div>
            <div class="form-group">
                <label>Jumlah Jamban Tidak Sehat</label>
                <input type="text" class="form-
control" name="jamban" required value="<?=$data['jmbn_tdk_sehat'] ?>"
">
            </div>
            <div class="form-group">
                <label>Air Minum Tidak Layak</label>
```



```

        <input type="text" class="form-
control" name="air_minum" required value="<?=$data['air_tdk_layak']
?>">
    </div>
    <div class="form-group">
        <label>Jumlah Sungai</label>
        <input type="text" class="form-
control" name="sungai" required value="<?=$data['jumlah_sungai'] ?>"
>
    </div>
    <div align="right">
        <button type="submit" class="btn btn-
primary" name="edit">Edit</button>
    </div>
</div>
</form>
</div>

<?php
    if(isset($_POST['edit'])){
        $kecamatan = $_POST['kecamatan'];
        $kasus = $_POST['kasus'];
        $miskin = $_POST['miskin'];
        $balita = $_POST['balita'];
        $jamban = $_POST['jamban'];
        $air_minum = $_POST['air_minum'];
        $sungai = $_POST['sungai'];

        mysqli_query($conn, "UPDATE `tb_data_kecamatan` SET `kecamatan` = '$kecamatan', `jumlah_kasus` = '$kasus', `jumlah_kemiskinan` = '$miskin', `jumlah_balita` = '$balita', `jmbn_tdk_sehat` = '$jamban', `air_tdk_layak` = '$air_minum', `jumlah_sungai` = '$sungai' WHERE `tb_data_kecamatan`.`id_data` = '". $data['id_data']. "'");

        echo "
            <script>document.location=?module=". $_GET['ket']. "&id_tahun=". $_GET['tahun']. "'</script>";
        ";
    }
?>

```

- standar\_badan.php

```
<?php
if($_GET['module'] == 'umur_laki'){
    $query = mysqli_query($conn, "select * from tb_standar_badan_ana
k where jk = 'laki-laki' and kategori='umur'");
    $kategori = "Umur (Bulan)";
    $kriteria = "Panjang Badan (cm)";
}elseif($_GET['module'] == 'tinggi_laki'){
    $query = mysqli_query($conn, "select * from tb_standar_badan_ana
k where jk = 'laki-laki' and kategori='tinggi'");
    $kategori = "Tinggi Badan";
    $kriteria = "Berat Badan (kg)";
}
elseif($_GET['module'] == 'umur_perempuan'){
    $query = mysqli_query($conn, "select * from tb_standar_badan_ana
k where jk = 'perempuan' and kategori='umur'");
    $kategori = "Umur (Bulan)";
    $kriteria = "Panjang Badan (cm)";
}elseif($_GET['module'] == 'tinggi_perempuan'){
    $query = mysqli_query($conn, "select * from tb_standar_badan_ana
k where jk = 'perempuan' and kategori='tinggi'");
    $kategori = "Tinggi Badan";
    $kriteria = "Berat Badan (kg)";
}

$baris = mysqli_num_rows($query);
if($baris < 1 ){
    echo "
        <div class='alert alert-info alert-dismissible'>
            <button type='button' class='close' data-
dismiss='alert' aria-hidden='true'>&times;</button>
            <h4><i class='icon fa fa-info'></i> Tidak Ada Data!</h4>
        </div>
    ";
}else{
?>
<div class="table-responsive m-b-40">
    <table class= table table-hover' border="1">
        <thead style="background: #A9A9A9;">
            <tr>
                <th rowspan="2">No.</th>
```

```

        <th rowspan="2" width="100"><center><?=$kategori ?><
/center></th>
        <th colspan="7"><center><?=$kriteria ?></center></th>
>
        <th rowspan="2"><center>Action</center></th>
</tr>
<tr>
        <th>-3SD</th>
        <th>-2SD</th>
        <th>-1SD</th>
        <th>Median</th>
        <th>+1SD</th>
        <th>+2SD</th>
        <th>+3SD</th>
</tr>
</thead>
<tbody>
<?php
$no = 1;
while($data = mysqli_fetch_array($query)){
    echo "
    <tr>
        <td>$no</td>
        <td>".$data['umur/tinggi']."</td>
        <td bgcolor='#D30000'><font color='white'>".$dat
a['-3SD']."</font></td>
        <td bgcolor='#FF2800'><font color='white'>".$dat
a['-2SD']."</font></td>
        <td bgcolor='#FFD800'><font color='white'>".$dat
a['-1SD']."</font></td>
        <td bgcolor='#55CD4C'><font color='white'>".$dat
a['median']."</font></td>
        <td bgcolor='#FFD800'><font color='white'>".$dat
a['+1SD']."</font></td>
        <td bgcolor='#FF2800'><font color='white'>".$dat
a['+2SD']."</font></td>
        <td bgcolor='#D30000'><font color='white'>".$dat
a['+3SD']."</font></td>
        <td><center><a href='?module=editdata_standar_ba
dan&id=$data[0]&ket=$_GET[module]' title='Edit'><i class='fa fa-
edit'>>/i></a> | <a href='?module=delete_standar_badan&id=$data[0]&k
et=$_GET[module]' title='Hapus'><i class='fa fa-
trash'>>/i></a></center> </td>
    </tr>
";

```

```

                $no++;
            }
        ?>

    </tbody>
</table>
</div>
<?php } ?>
<div align="right">
    <div class="col-sm-2">
        <a href="?module=tambah&kategori=<?=$_GET['module']?>"><butt
on type="button" class="btn btn-block btn-primary btn-
sm">Tambah Data</button>
        </a>
    </div>
</div>

```

- **tambah\_data\_badan\_anak.php**

```

<?php
error_reporting(0);
if($_GET['kategori'] == 'umur_laki'){
    $jk = "laki-laki";
    $kategori = "umur";
    $ket = "Panjang Badan (cm)";
}elseif($_GET['kategori'] == 'tinggi_laki'){
    $jk = "laki-laki";
    $kategori = "tinggi";
    $ket = "Berat Badan (kg)";
}elseif($_GET['kategori'] == 'umur_perempuan'){
    $jk = "perempuan";
    $kategori = "umur";
    $ket = "Panjang Badan (cm)";
}elseif($_GET['kategori'] == 'tinggi_perempuan'){
    $jk = "perempuan";
    $kategori = "tinggi";
    $ket = "Berat Badan (kg)";
}
?>
<div class="col-sm-6">
    <form role="form" action="" method="post">
        <div class="card-body">
            <div class="form-group">

```

```

        <label><?=$kategori ?></label>
        <input type="text" class="form-
control" name="umurtinggi" required>
    </div>
        <label><?=$ket ?></label>
        <div class="col-sm-12">
        <div class="form-group">
            <label>-3SD</label>
            <input type="text" class="form-control" name="-
3SD" required>
        </div>
            <div class="form-group">
                <label>-2SD</label>
                <input type="text" class="form-control" name="-
2SD" required>
            </div>
                <div class="form-group">
                    <label>-1SD</label>
                    <input type="text" class="form-control" name="-
1SD" required>
                </div>
                    <div class="form-group">
                        <label>Median</label>
                        <input type="text" class="form-
control" name="median" required>
                    </div>
                        <div class="form-group">
                            <label>+1SD</label>
                            <input type="text" class="form-
control" name="+1SD" required>
                        </div>
                            <div class="form-group">
                                <label>+2SD</label>
                                <input type="text" class="form-
control" name="+2SD" required>
                            </div>
                                <div class="form-group">
                                    <label>+3SD</label>
                                    <input type="text" class="form-
control" name="+3SD" required>
                                </div>
                            </div>
                                <div align="right">
                                    <button type="submit" class="btn btn-
primary" name="tambah">Tambah</button>

```

```

        </div>
    </div>
</form>
</div>
<?php
    if(isset($_POST['tambah'])){
        $umurtinggi = $_POST['umurtinggi'];
        $min3SD = $_POST['-3SD'];
        $min2SD = $_POST['-2SD'];
        $min1SD = $_POST['-1SD'];
        $median = $_POST['median'];
        $pls1SD = $_POST['+1SD'];
        $pls2SD = $_POST['+2SD'];
        $pls3SD = $_POST['+3SD'];

        mysqli_query($conn, "INSERT INTO tb_standar_badan_anak value
s ('NULL', '$jk', '$kategori', '$umurtinggi', '$min3SD', '$min2SD',
'$min1SD', '$median', '$pls1SD', '$pls2SD', '$pls3SD')");

        echo "
            <script>document.location='?module=".$_GET['kategori']."
';</script>
        ";
    }
?>

```

- **editdata\_standar\_badan.php**

```

<?php
$query = mysqli_query($conn, "select * from tb_standar_badan_anak wh
ere id_standar_badan = '$_GET[id]'");
$data = mysqli_fetch_array($query);
?>
<div class="col-sm-6">
    <form role="form" action="" method="post">
        <div class="card-body">
            <div class="form-group">
                <label><?=$data['kategori'] ?></label>
                <input type="number" class="form-
control" name="umurtinggi" required value="<?=$data['umur/tinggi'] ?
">">
            </div>

```

```

        <label><?php if($data['kategori'] == 'umur'){ echo "Panj
ang Badan (cm)"; }else{ echo "Berat Badan (kg)"; } ?></label>
        <div class="col-sm-12">
        <div class="form-group">
            <label>-3SD</label>
            <input type="text" class="form-control" name="-
3SD" required value="<?=$data['-3SD'] ?>">
        </div>
        <div class="form-group">
            <label>-2SD</label>
            <input type="text" class="form-control" name="-
2SD" required value="<?=$data['-2SD'] ?>">
        </div>
        <div class="form-group">
            <label>-1SD</label>
            <input type="text" class="form-control" name="-
1SD" required value="<?=$data['-1SD'] ?>">
        </div>
        <div class="form-group">
            <label>Median</label>
            <input type="text" class="form-
control" name="median" required value="<?=$data['median'] ?>">
        </div>
        <div class="form-group">
            <label>+1SD</label>
            <input type="text" class="form-
control" name="+1SD" required value="<?=$data['+1SD'] ?>">
        </div>
        <div class="form-group">
            <label>+2SD</label>
            <input type="text" class="form-
control" name="+2SD" required value="<?=$data['+2SD'] ?>">
        </div>
        <div class="form-group">
            <label>+3SD</label>
            <input type="text" class="form-
control" name="+3SD" required value="<?=$data['+3SD'] ?>">
        </div>
    </div>
    <div align="right">
        <button type="submit" class="btn btn-
primary" name="edit">Edit</button>
    </div>
</div>
</form>

```

```

</div>

<?php
    if(isset($_POST['edit'])){
        $umurtinggi = $_POST['umurtinggi'];
        $min3SD = $_POST['-3SD'];
        $min2SD = $_POST['-2SD'];
        $min1SD = $_POST['-1SD'];
        $median = $_POST['median'];
        $pls1SD = $_POST['+1SD'];
        $pls2SD = $_POST['+2SD'];
        $pls3SD = $_POST['+3SD'];

        mysqli_query($conn, "UPDATE `tb_standar_badan_anak` SET `umur/tinggi` = '$umurtinggi', `-3SD` = '$min3SD', `-2SD` = '$min2SD', `-1SD` = '$min1SD', `median` = '$median', `+1SD` = '$pls1SD', `+2SD` = '$pls2SD', `+3SD` = '$pls3SD' WHERE `tb_standar_badan_anak`.`id_standar_badan` = '". $data['id_standar_badan']. "'");

        echo "
            <script>document.location='?module=" . $_GET['ket'] . "';</script>
        ";
    }
?>

```

- **hitung.php**

```

<?php
//error_reporting(0);
include '../konfig/koneksi.php';

$x = mysqli_query($conn, "SELECT id_data FROM `tb_data_kecamatan` WHERE id_tahun = '". $_GET['id'] . "' ORDER BY rand() limit 0,3");
$i = 0;
while($y = mysqli_fetch_array($x)){
    //echo $y['id_data'] . "<br>";
    $que[$i] = mysqli_query($conn, "SELECT * FROM `tb_data_kecamatan` WHERE id_data = '". $y['id_data'] . "'");
    $i++;
}

```



```

$c1 = mysqli_fetch_array($que[0]);
$c2 = mysqli_fetch_array($que[1]);
$c3 = mysqli_fetch_array($que[2]);
$C11 = $c1['nor_jumlah_kasus'];
$C12 = $c1['nor_jmlh_kemiskinan'];
$C13 = $c1['nor_jmlh_balita'];
$C14 = $c1['nor_jmbn_tdk_sehat'];
$C15 = $c1['nor_air_tdk_layak'];
$C16 = $c1['nor_jmlh_sungai'];

$C21 = $c2['nor_jumlah_kasus'];
$C22 = $c2['nor_jmlh_kemiskinan'];
$C23 = $c2['nor_jmlh_balita'];
$C24 = $c2['nor_jmbn_tdk_sehat'];
$C25 = $c2['nor_air_tdk_layak'];
$C26 = $c2['nor_jmlh_sungai'];

$C31 = $c3['nor_jumlah_kasus'];
$C32 = $c3['nor_jmlh_kemiskinan'];
$C33 = $c3['nor_jmlh_balita'];
$C34 = $c3['nor_jmbn_tdk_sehat'];
$C35 = $c3['nor_air_tdk_layak'];
$C36 = $c3['nor_jmlh_sungai'];

$status = [];
$status1 = [];
$beda = 1;
while($beda > 0){
    $k = 0;
    $beda = 0;
    $jum_tinggi = 0;
    $jum_sedang = 0;
    $jum_rendah = 0;
    $query1 = mysqli_query($conn, "select * from tb_data_kecamatan w
here id_tahun='".$$_GET['id']."'");
    while($data = mysqli_fetch_array($query1)){
        $ed1 = sqrt(
            (pow(($data['nor_jumlah_kasus']-$C11),2)) +
            (pow(($data['nor_jmlh_kemiskinan']-$C12),2)) +
            (pow(($data['nor_jmlh_balita']-$C13),2)) +
            (pow(($data['nor_jmbn_tdk_sehat']-$C14),2)) +
            (pow(($data['nor_air_tdk_layak']-$C15),2)) +
            (pow(($data['nor_jmlh_sungai']-$C16),2))
        );
        $ed2 = sqrt(

```

```

        (pow(($data['nor_jumlah_kasus']-$C21),2)) +
        (pow(($data['nor_jmlh_kemiskinan']-$C22),2)) +
        (pow(($data['nor_jmlh_balita']-$C23),2)) +
        (pow(($data['nor_jmbn_tdk_sehat']-$C24),2)) +
        (pow(($data['nor_air_tdk_layak']-$C25),2)) +
        (pow(($data['nor_jmlh_sungai']-$C26),2))
    );
$ed3 = sqrt(
    (pow(($data['nor_jumlah_kasus']-$C31),2)) +
    (pow(($data['nor_jmlh_kemiskinan']-$C32),2)) +
    (pow(($data['nor_jmlh_balita']-$C33),2)) +
    (pow(($data['nor_jmbn_tdk_sehat']-$C34),2)) +
    (pow(($data['nor_air_tdk_layak']-$C35),2)) +
    (pow(($data['nor_jmlh_sungai']-$C36),2))
);

//echo $ed1."&nbsp;".$ed2."&nbsp;".$ed3."&nbsp;";
if($ed1 < $ed2 && $ed1<$ed3){
    $status1[$k] = "rendah";
    $jum_rendah = $jum_rendah +1;
}elseif($ed2 < $ed1 && $ed2<$ed3){
    $status1[$k] = "sedang";
    $jum_sedang = $jum_sedang +1;
}elseif($ed3 < $ed1 && $ed3<$ed2){
    $status1[$k] = "tinggi";
    $jum_tinggi = $jum_tinggi +1;
}

if($status[$k] != $status1[$k]){
    $beda = $beda + 1;
}

$status[$k] = $status1[$k];
mysql_query($conn, "UPDATE `tb_data_kecamatan` SET `resiko`
= ' ".$status[$k]."' WHERE `tb_data_kecamatan`.`id_data` = ' ".$data[
'id_data']."'");

    $k++;

}

$j = 0;
$jum_c11 =0;
$jum_c12 =0;

```

```
$jum_c13 =0;
$jum_c14 =0;
$jum_c15 =0;
$jum_c16 =0;
```

```
$jum_c21 =0;
$jum_c22 =0;
$jum_c23 =0;
$jum_c24 =0;
$jum_c25 =0;
$jum_c26 =0;
```

```
$jum_c31 =0;
$jum_c32 =0;
$jum_c33 =0;
$jum_c34 =0;
$jum_c35 =0;
$jum_c36 =0;
```

```
$query2 = mysqli_query($conn, "select * from tb_data_kecamatan w  
here id_tahun='".$$_GET['id']."'");
```

```
while($array2 = mysqli_fetch_array($query2)){
    if($status1[$j]=="rendah"){
        $jum_c11 = $jum_c11 + $array2['nor_jumlah_kasus'];
        $jum_c12 = $jum_c12 + $array2['nor_jmlh_kemiskinan'];
        $jum_c13 = $jum_c13 + $array2['nor_jmlh_balita'];
        $jum_c14 = $jum_c14 + $array2['nor_jmbn_tdk_sehat'];
        $jum_c15 = $jum_c15 + $array2['nor_air_tdk_layak'];
        $jum_c16 = $jum_c16 + $array2['nor_jmlh_sungai'];
    }elseif($status1[$j]=="sedang"){
        $jum_c21 = $jum_c21 + $array2['nor_jumlah_kasus'];
        $jum_c22 = $jum_c22 + $array2['nor_jmlh_kemiskinan'];
        $jum_c23 = $jum_c23 + $array2['nor_jmlh_balita'];
        $jum_c24 = $jum_c24 + $array2['nor_jmbn_tdk_sehat'];
        $jum_c25 = $jum_c25 + $array2['nor_air_tdk_layak'];
        $jum_c26 = $jum_c26 + $array2['nor_jmlh_sungai'];
    }elseif($status1[$j]=="tinggi"){
        //echo $array2['jumlah_kasus'];
        $jum_c31 = $jum_c31 + $array2['nor_jumlah_kasus'];
        $jum_c32 = $jum_c32 + $array2['nor_jmlh_kemiskinan'];
        $jum_c33 = $jum_c33 + $array2['nor_jmlh_balita'];
        $jum_c34 = $jum_c34 + $array2['nor_jmbn_tdk_sehat'];
        $jum_c35 = $jum_c35 + $array2['nor_air_tdk_layak'];
        $jum_c36 = $jum_c36 + $array2['nor_jmlh_sungai'];
    }
}
```

```

        //echo $status[$j]."<br>";
        $j++;

    }
    //echo "(".$jum_tinggi.")<br>";
    $C31 = $jum_c31/$jum_tinggi;
    $C32 = $jum_c32/$jum_tinggi;
    $C33 = $jum_c33/$jum_tinggi;
    $C34 = $jum_c34/$jum_tinggi;
    $C35 = $jum_c35/$jum_tinggi;
    $C36 = $jum_c36/$jum_tinggi;

    $C21 = $jum_c21/$jum_sedang;
    $C22 = $jum_c22/$jum_sedang;
    $C23 = $jum_c23/$jum_sedang;
    $C24 = $jum_c24/$jum_sedang;
    $C25 = $jum_c25/$jum_sedang;
    $C26 = $jum_c26/$jum_sedang;

    $C11 = $jum_c11/$jum_rendah;
    $C12 = $jum_c12/$jum_rendah;
    $C13 = $jum_c13/$jum_rendah;
    $C14 = $jum_c14/$jum_rendah;
    $C15 = $jum_c15/$jum_rendah;
    $C16 = $jum_c16/$jum_rendah;

}
//break;
?>
<script>window.alert('Berhasil Memperbarui Cluster')</script>
<script type='text/javascript'>document.location='?module=cluster&id
_tahun=<?=$_GET[id]?>'</script>

```

- **konten.php**

```

<?php
error_reporting(0);
    if($_GET['module'] == 'umur_laki' or $_GET['module'] == 'tinggi_
laki' or $_GET['module'] == 'umur_perempuan' or $_GET['module'] == '
tinggi_perempuan'){
        include 'standar_badan.php';
    }elseif($_GET['module'] == 'tambah'){
        include 'tambah_data_badan_anak.php';
    }

```

```

}elseif($_GET['module'] == 'tambah_tahun'){
    mysqli_query($conn, "INSERT into tb_tahun values ('NULL', '"
.$_GET['thn']."'");
    echo "
        <script>document.location='index.php';</script>
    ";
}elseif($_GET['module'] == 'editdata_standar_badan'){
    include 'editdata_standar_badan.php';
}elseif($_GET['module'] == 'delete_standar_badan' or $_GET['modu
le'] == 'hapus_data_kecamatan' or $_GET['module'] == 'hapus_tahun' o
r $_GET['module'] == 'hapus_informasi'){
    include 'delete.php';
}elseif($_GET['module'] == 'data_kecamatan'){
    include 'data_kecamatan.php';
}elseif($_GET['module'] == 'edit_data_kecamatan'){
    include 'edit_data_kecamatan.php';
}elseif($_GET['module'] == 'tambah_kecamatan'){
    include 'tambah_kecamatan.php';
}
elseif($_GET['module'] == 'sinkron_data_kecamatan'){
    $query = mysqli_query($conn, "select * from master_data_keca
matan");
    while($data = mysqli_fetch_array($query)){
        mysqli_query($conn, "INSERT into tb_data_kecamatan value
s ('NULL', '".$_GET['id_tahun']."', '".$data['nama_kecamatan']."', 'NU
LL', 'NULL', 'NULL', 'NULL', 'NULL', 'NULL', 'NULL', 'NULL')");
    }
    echo "
        <script>document.location='?module=".$_GET['ket']."&id_t
ahun=".$_GET['id_tahun']."'";</script>
    ";
}elseif($_GET['module'] == 'informasi'){
    include "informasi.php";
}elseif($_GET['module'] == 'tambah_informasi'){
    include "tambah_informasi.php";
}elseif($_GET['module'] == 'detail_informasi'){
    include "detail_informasi.php";
}elseif($_GET['module'] == 'edit_informasi'){
    include "edit_informasi.php";
}elseif($_GET['module'] == 'edit_profil'){
    include "edit_profil.php";
}elseif($_GET['module'] == 'kmeans'){
    include "kmeans.php";
}elseif($_GET['module'] == 'edit_kmeans'){
    include "edit_kmeans.php";
}

```

```

    }elseif($_GET['module'] == 'beranda'){
        include "beranda.php";
    }else{
        include "beranda.php";
    }
}
?>

```

- **delete.php**

```

<?php
if($_GET['module'] == 'delete_standar_badan'){
    mysqli_query($conn, "DELETE FROM `tb_standar_badan_anak` WHERE `
tb_standar_badan_anak`.`id_standar_badan` = $_GET[id]");
    echo "
        <script>document.location=?module=$_GET[ket]';</script>
    ";
}elseif($_GET['module'] == 'hapus_data_kecamatan'){
    mysqli_query($conn, "DELETE FROM `tb_data_kecamatan` WHERE `tb_
data_kecamatan`.`id_data` = $_GET[id]");
    echo "
        <script>document.location=?module=$_GET[ket]&id_tahun=$
_GET[tahun]';</script>
    ";
}elseif($_GET['module'] == 'hapus_tahun'){
    mysqli_query($conn, "DELETE FROM `tb_tahun` WHERE `tb_tahun`.`id_
tahun` = $_GET[id]");
    echo "
        <script>document.location='index.php';</script>
    ";
}elseif($_GET['module'] == 'hapus_informasi'){
    mysqli_query($conn, "DELETE FROM `tb_stunting` WHERE `tb_stuntin
g`.`id_stunting` = $_GET[id]");
    echo "
        <script>document.location=?module=informasi';</script>
    ";
}
?>

```

- **edit\_profil.php**

```
<?php
session_start();
$query = mysqli_query($conn, "select * from user where username = '"
.$_SESSION['username']."' and password = '".$_SESSION['password']."'
");
$data = mysqli_fetch_array($query);
//echo $_SESSION['id'];
?>
<center><div class="col-6">
<div class="card">
<div class="card-body register-card-body">
  <p class="login-box-msg">Your Profile</p>
  <form action="" method="post">
    <div align="left"><label>Nama</label></div>
    <div class="input-group mb-3">
      <input type="text" class="form-
control" name="nama" placeholder="Full name" value="<?=$data['nama']
?>" required>
      <div class="input-group-append">
        <div class="input-group-text">
          <span class="fas fa-user"></span>
        </div>
      </div>
    </div>
    <div align="left"><label>Username</label></div>
    <div class="input-group mb-3">
      <input type="text" class="form-
control" name="username" placeholder="Username" value="<?=$data['use
rname'] ?>" required>
      <div class="input-group-append">
        <div class="input-group-text">
          <span class="fas fa-envelope"></span>
        </div>
      </div>
    </div>
    <div align="left"><label>Password &nbsp;  </label><font size="3" c
olor="red">(Kosongkan Jika Password Tidak Berubah)</font></div>
    <div class="input-group mb-3">
      <input type="password" class="form-
control" name="password" placeholder="Password">
      <div class="input-group-append">
        <div class="input-group-text">
```

```

        <span class="fas fa-lock"></span>
    </div>
</div>
</div>
<div align="left"><label>Password &nbsp;</label><font size="3" c
olor="red">(Kosongkan Jika Password Tidak Berubah)</font></div>
<div class="input-group mb-3">
    <input type="password" class="form-
control" name="password1" placeholder="Retype password">
    <div class="input-group-append">
        <div class="input-group-text">
            <span class="fas fa-lock"></span>
        </div>
    </div>
</div>
<div class="row">
    <div class="col-8">
    </div>
    <!-- /.col -->
    <div class="col-4">
        <button type="submit" name="save" class="btn btn-
primary btn-block">Save</button>
    </div>
    <!-- /.col -->
</div>
</form>

</div>
<!-- /.form-box -->
</div><!-- /.card -->
</div></center>
<?php
if (isset($_POST['save'])) {
    if (!empty($_POST['password'])) {
        if($_POST['password'] != $_POST['password1']){
            echo "
                <script>window.alert('Password Harus Sama')</script>
            ";
            die;
        }else{
            $nama = $_POST['nama'];
            $username = $_POST['username'];
            $password = MD5($_POST['password']);

```



```

        mysqli_query($conn, "UPDATE user set username = '$username', password = '$password', nama='$nama' where id_user = '". $_SESSION['id_user']."'");
        echo "
            <script type='text/javascript'>document.location='index.php'
        </script>
        ";
    }
    }else{
        $nama = $_POST['nama'];
        $username = $_POST['username'];
        mysqli_query($conn, "UPDATE `user` SET username = '$username', `nama` = '$nama' WHERE `user`.`id_user` = '". $_SESSION['id_user']."'");
        echo "
            <script type='text/javascript'>document.location='index.php'
        </script>
        ";
    };
}
?>

```

- **logout.php**

```

<?php
session_start();
session_destroy();
echo "
    <script>window.alert('Anda Telah Logout')</script>
    <script type='text/javascript'>document.location='../..'</script>
t>
";
?>

```

## LAMPIRAN 8 Kode untuk Menampilkan Peta

- **index.php**

```
<style>
.search-layer {
  top: 65px;
  left: .5em;
}
.ol-touch .search-layer {
  top: 80px;
}
</style>

<style>
html, body {
  background-color: #ffffff;
}
.ol-control button {
  background-color: #f8f8f8 !important;
  color: #000000 !important;
  border-radius: 0px !important;
}
.ol-zoom, .geolocate, .gcd-gl-control .ol-control {
  background-color: rgba(255,255,255,.4) !important;
  padding: 3px !important;
}
.ol-scale-line {
  background: none !important;
}
.ol-scale-line-inner {
  border: 2px solid #f8f8f8 !important;
  border-top: none !important;
  background: rgba(255, 255, 255, 0.5) !important;
  color: black !important;
}
</style>
<style>
#map {
  width: 840px;
  height: 400px;
}
</style>

<div id="map">
  <div id="popup" class="ol-popup">
```

```

        <a href="#" id="popup-closer" class="ol-popup-
closer"></a>
        <div id="popup-content"></div>
    </div>
</div>

```

- **banggai\_2.php**

```

<?php
// include '../konfig/koneksi.php';
$query = mysqli_query($conn, "select * from tb_wilayah");
$num = mysqli_num_rows($query);
if(empty($_POST['tahun'])){
    $query_tahun = mysqli_query($conn, "select min(id_tahun) as id
_tahun from tb_tahun");
    $data_tahun = mysqli_fetch_array($query_tahun);
    $tahun = $data_tahun['id_tahun'];
}elseif($_POST['tahun'] == $_POST['tahun']){
    $tahun = $_POST['tahun'];
}
?>
<script>
var json_banggai_2 =
{
    "type":"FeatureCollection",
    "name":"banggai_2","crs":
    {
        "type":"name",
        "properties":
        {
            "name":"urn:ogc:def:crs:OGC:1.3:CRS84"
        }
    },
    "features":
    [
        <?php
        $i = 0;
        while($data = mysqli_fetch_array($query)){
            $query1 = mysqli_query($conn, "SELECT jumlah_kasus from
tb_data_kecamatan where id_tahun = '". $tahun.'" and kecamatan = '". $d
ata['kecamatan']. "'");
            $data1 = mysqli_fetch_array($query1);
            echo '

```

```

        {
            "type": "Feature",
            "properties":
            {
                "id": "",
                "kabupaten": "'. $data['kecamatan']. '",
                "ket": "lat:'. $data['lat']. ', lng:'. $data['lng'].
            },
            "ket1": "Penderita :'. $data1['jumlah_kasus']. '"
        },
        "geometry":
        {
            "type": "MultiPolygon",
            "coordinates":
            '.$data['koordinat']. '
        }
    }';
    $i++;
    if($i < $num){
        echo ", ";
    }
}

?>

]
};
</script>

```

- **banggai\_2\_style.php**

```

<?php
//error_reporting(0);
$hijau = "rgba(90,234,7,1.0)";
$kuning = "rgba(236,239,23,1.0)";
$merah = "rgba(246,8,40,1.0)";
$putih = "#FFFFFF";

?>
<script>
var size = 0;
var placement = 'point';

```

```

function categories_banggai_2(feature, value, size, resolution, labelText, labelFont, labelFill, bufferColor, bufferWidth, placement) {
    <?php echo "
        switch(value.toString()) {";
    if(empty($_POST['tahun'])){
        $query_tahun = mysqli_query($conn, "select min(id_tahun) as id_tahun from tb_tahun");
        $data_tahun = mysqli_fetch_array($query_tahun);
        $tahun = $data_tahun['id_tahun'];
    }elseif($_POST['tahun'] == $_POST['tahun']){
        $tahun = $_POST['tahun'];
    }

    $query = mysqli_query($conn, "select kecamatan, resiko from tb_data_kecamatan where id_tahun = ".$tahun.");
    while($data = mysqli_fetch_array($query)){
        if($data['resiko'] == 'tinggi'){
            $warna = $merah;
        }elseif($data['resiko'] == 'sedang'){
            $warna = $kuning;
        }elseif($data['resiko'] == 'rendah'){
            $warna = $hijau;
        }
    };

    if($_POST[cluster]=='tinggi'){
        if($data['resiko'] == 'tinggi'){
            $warna = $merah;
        }elseif($data['resiko'] == 'sedang'){
            $warna = $putih;
        }elseif($data['resiko'] == 'rendah'){
            $warna = $putih;
        }
    };
    }elseif($_POST[cluster]=='sedang'){
        if($data['resiko'] == 'tinggi'){
            $warna = $putih;
        }elseif($data['resiko'] == 'sedang'){
            $warna = $kuning;
        }elseif($data['resiko'] == 'rendah'){
            $warna = $putih;
        }
    };
    }elseif($_POST[cluster]=='rendah'){
        if($data['resiko'] == 'tinggi'){
            $warna = $putih;
        }elseif($data['resiko'] == 'sedang'){
            $warna = $putih;
        }
    }
}

```

```

        }elseif($data['resiko'] == 'rendah'){
            $warna = $hijau;
        };
    }elseif($_POST[cluster]=='semua'){
        if($data['resiko'] == 'tinggi'){
            $warna = $merah;
        }elseif($data['resiko'] == 'sedang'){
            $warna = $kuning;
        }elseif($data['resiko'] == 'rendah'){
            $warna = $hijau;
        };
    }

    echo "
        case '". $data['kecamatan']. "':
            return [ new ol.style.Style({
                stroke: new ol.style.Stroke({color: 'rgba(35,35,35,1.0)'}
, lineDash: null, lineCap: 'butt', lineJoin: 'miter', width: 0}),fill: new ol.style.Fill({color: '$warna'}),
                text: createTextStyle(feature, resolution, labelText, labelFont, labelFill, placement, bufferColor, bufferWidth)
            )]];
            break;
        ";
    }
    echo "
    }
};
"; ?>
var style_banggai_2 = function(feature, resolution){
    var context = {
        feature: feature,
        variables: {}
    };
    var value = feature.get("kabupaten");
    var labelText = "";
    size = 0;
    var labelFont = "10px, sans-serif";
    var labelFill = "#000000";
    var bufferColor = "";
    var bufferWidth = 0;
    var textAlign = "left";
    var offsetX = 8;
    var offsetY = 3;
    var placement = 'point';

```

```
    if (labelText != null) {
        labelText = String(labelText);
    }

    var style = categories_banggai_2(feature, value, size, resolution, labelText,
                                    labelFont, labelFill, bufferColor,
                                    bufferWidth, placement);

    return style;
};

</script>
```