


## Tampilan Sistem Informasi Jamaah Tani Muhammadiyah (JATAM)



**jatam** Beranda Tentang Kami Berita Pokok Konsultasi Peta Perbaruan Login

# Sistem Informasi Jamaah Tani Muhammadiyah

PETA PESEBARAN POKOK KONSULTASI


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**jatam** Beranda Tentang Kami Berita Pokok Konsultasi Peta Perbaruan Login

### Sekilas Tentang SI JATAM

"Sistem Informasi Jamaah Tani Muhammadiyah" adalah sebuah platform teknologi yang dikembangkan oleh organisasi Jamaah Tani Muhammadiyah dengan tujuan untuk meningkatkan efisiensi, transparansi, dan partisipasi dalam pengelolaan pertanian dan peternakan di kalangan anggota dan petani yang tergabung dalam komunitas tersebut. Sistem ini bertujuan untuk memfasilitasi berbagai kegiatan dan proses dalam dunia pertanian dengan memanfaatkan teknologi informasi.

[LEBI LANJUT](#)



SI JATAM

## Berita Terpopuler



Minus tempora minima veniam iusto placeat.

Spesling oleh Admin



Tempora voluptatum aperiam dolor harum fugiat.

Spesling oleh Admin



Dignissimos dolores reiciendis et molestiae eius.

Spesling oleh Admin



## Tentang Kami

Beranda / Tentang Kami



### Sekilas Tentang SI JATAM

"Sistem Informasi Jemaah Tani Muhammadiyah"



## SI JATAM Struktur Organisasi



### Visi & Misi

Menjadi lembaga yang unggul dalam pengembangan dan pemberdayaan masyarakat di bidang pertanian dan peternakan, dengan fokus pada inovasi, kesejahteraan, dan keberlanjutan.

- ✓ Meningkatkan efisiensi dan transparansi dalam pengelolaan pertanian dan peternakan melalui pemanfaatan teknologi informasi dan inovasi terkini.
- ✓ Meningkatkan kesadaran masyarakat tentang pentingnya pertanian dan peternakan yang berkelanjutan dalam mencapai ketahanan pangan dan pembangunan berkelanjutan.
- ✓ Membangun jaringan kolaboratif antara anggota dan petani untuk saling berbagi pengetahuan, pengalaman, dan praktik terbaik dalam pertanian dan peternakan.



# Berita

Beranda / Berita



Et nisi vel quis repellat laudantium et a dolor deserunt.

Diposting oleh Admin

Quidem optio quae ipsa quam tempora amet laboriosam et.

Diposting oleh Admin

Voluptatem sunt illum cupiditate sit ad repellat.

Diposting oleh Admin



## Et nisi vel quis repellat laudantium et a dolor deserunt.

27 Maret 2024 · by Admin

Sint repellat voluptatem quia est sequi aperiam. Nisi officis voluptatem veritatis praesentium molestiae. Animi ea voluptatem velit aut asperiores architecta quia. Doloremque eum voluptates excepturi est non consequuntur. Aut cum autem pariatur beatae rem duimus doloremque, flem non aut quia unde totam quia. Odit aut debetis enim omnis. Distinctio est voluptas harum iusto et corrupti beatae. Exercitationem quia nesciunt tempore voluptatibus quidem minus dolor quae. Nemo deleniti corrupti aut non earum dolorum. Rerum quidem atque sapientia qui. Omnis aut voluptatem repellat quod itaque animi et. Blanditis odit quas porro libero numpquam. Enim ea accusantium in soluta accusantium non. Qui accusantium alias distinctio aut id. Quod distinctio eveniet blanditis enim voluptas sunt aliquam. Alias rem sit illum alias. Libero ipsam at maxime delectus blanditis voluptatum quod. Commodi delectus excepturi eaque corrupti blanditis magni aut. Et labore voluptatum recusandae assumenda suscipit voluptas et.

Utam sapiente accusantium est quis ea qui repellendus ipsa. Assumenda quas sit. Culpa consequatur. Repellendus sed ut officis non itaque. Perferendis consequatur repellat incidunt dolores est nihil. Sint vel quia magnam nesciunt est quis iste. Ut at quidem voluptate iusto fuga eum. Incidunt voluptatem eos provident consequatur ut iusto et odio. Ut qui fuga deserunt mollit impedit.



## Pojok Konsultasi

Beranda / Pojok Konsultasi

AJUKAN KONSULTASI

Konsultasi

Konsultasi

Konsultasi

AJUKAN KONSULTASI

Padi saya bermasalah!

Oleh: Redha Hark Suprius

Konsultasi

Cumque magnam delectus qui aut inventore qui consequatur consectetur qui.

Oleh: Admin

Konsultasi

Rerum enim nobis ut architecto velit et.

Oleh: Admin

Konsultasi

Quo magnam nihil enim est accusantium aliquam.

Oleh: Admin

Konsultasi

Quae nihil odit in fuga dicta quia laboriosam inventore.

Oleh: Admin

Konsultasi

Culpa consectetur dolores aut neque laudantium iste.

Oleh: Admin

Konsultasi

Aperiam sit rem optio qui et voluptatem ut at.

Oleh: Admin

Konsultasi

Mollitia quia blanditis voluptas ut adipisci placeat vero dolore voluptate.

Oleh: Admin

Konsultasi

Nulla voluptatem reprehenderit quod veritatis.

Oleh: Admin

Konsultasi

## Padi saya bermasalah!

Rabu, 27 Maret 2024 - 21:52 - by Restho Hari Saputra

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris quis erat eros, Mauris arcu augue, rutrum id eleifend vel, suscipit id ante. Phasellus a accumsan ante. Etiam posuere magna non erat auctor bibendum, Duis et est pretium, pellentesque metus vel, dapibus lacus. Proin bibendum, magna id vestibulum mattis, ex sem sollicitudin dui, nec commodo felis ligula id diam. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Quisque ultricies at dolor eget scelerisque. Nam bibendum auctor risi, ac efficitur neque. Duis rutrum elit id turpis tempor interdum. Donec metus massa, viverra a nibh eget, ornare euismod nulla. Sed ac lobortis purus, id elementum odio.



### Jawaban



Admin

27 MARET 2024 - 21:52

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris quis erat eros, Mauris arcu augue, rutrum id eleifend vel, suscipit id ante. Phasellus a accumsan ante. Etiam posuere magna non erat auctor bibendum, Duis et est pretium, pellentesque metus vel, dapibus lacus.

**Tidak dapat mengajukan konsultasi, harap login terlebih dahulu!**

LOGIN

Padi saya bermasalah!

Rabu, 27 Maret 2024 - 21:52

Inventore qui consequatur consectetur qui.

27 MARET 2024 - 21:52

rum enim natus ut architecto velit et.

27 MARET 2024 - 21:52

Quo magnum nihil enim est accusantium aliquam.

27 MARET 2024 - 21:52

Quae nihil edit in fuga dicta quia laboriosam inventore.

27 MARET 2024 - 21:52

Culpa consectetur dolores aut neque laudantium iste.

27 MARET 2024 - 21:52

Aperiam et rem optio qui et voluptatem ut at.

27 MARET 2024 - 21:52

Mollis quia blanditis voluptas ut adipisci placiat vero dolore voluptatis.

27 MARET 2024 - 21:52

Nulla voluptatem reprehenderit quod-ventatis.

27 MARET 2024 - 21:52



Login

Email

Email not required

Password

Password not required

Remember Me

Login

Don't have an account? [Create One](#)

SI JATAN



Hi, Admin

Dashboard

Home (Active)

About & Staff

UI & My

Service Area

Category Berta

Item Berta

Berta

Account

Dashboard

You're logged in!

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## APPENDIX SI-JATAM

### 1. Routing (Web)

1	<code>Route::get('/', [HomeController::class, 'home'])-&gt;name('home');</code>
2	<code>Route::get('/about-us', [HomeController::class, 'about_us'])-&gt;name('about-us');</code>
3	<code>Route::prefix('news')-&gt;group(function () {</code>
4	<code>Route::get('/', [HomeController::class, 'news'])-&gt;name('web.news');</code>
5	<code>Route::get('/{slug}', [HomeController::class, 'news_view'])-&gt;name('web.news.view');</code>
6	<code>Route::post('/comment', [NewsController::class, 'comment'])-&gt;name('web.news.comment');</code>
7	<code>Route::get('/comment/delete/{id}', [NewsController::class, 'comment_delete'])-&gt;middleware(['permission:news-manage'])-&gt;name('web.news.comment-delete');</code>
8	<code>});</code>
9	<code>Route::prefix('consultation')-&gt;group(function () {</code>
10	<code>Route::get('/', [HomeController::class, 'consultation'])-&gt;name('web.consultation');</code>
11	<code>Route::get('/login', [HomeController::class, 'consultation_login'])-&gt;name('web.consultation.login');</code>
12	<code>Route::get('/finished/{id}', [ConsultationController::class, 'finish'])-&gt;name('web.consultation.finish');</code>
13	<code>Route::get('/{slug}', [HomeController::class, 'consultation_view'])-&gt;name('web.consultation.view');</code>
14	<code>Route::post('/', [ConsultationController::class, 'create'])-&gt;name('web.consultation.create');</code>
15	<code>});</code>
16	<code>Route::get('/map', [HomeController::class, 'map'])-&gt;name('map');</code>

### 2. Routing (API)

1	<code>Route::prefix('map')-&gt;group(function () {</code>
2	<code>Route::get('/province', [MapController::class, 'province'])-&gt;name('map.province');</code>
3	<code>Route::get('/regency', [MapController::class, 'regency'])-&gt;name('map.regency');</code>
4	<code>Route::get('/data', [MapController::class, 'data'])-&gt;name('map.data');</code>
5	<code>});</code>

### 3. Home Controller

1	<code>public function home()</code>
2	<code>{</code>
3	<code>    \$data['top_news'] = News::orderBy('view', 'desc')-&gt;where('status', 'published')-&gt;limit(6)-&gt;get();</code>
4	<code>    \$category_id = \$data['top_news']-&gt;pluck('list_category.*.category_id')-&gt;flatten()-&gt;unique();</code>
5	<code>    \$data['top_category_news'] = CategoryNews::whereIn('id', \$category_id)-&gt;get();</code>
6	<code>    return view('front-office.home', \$data);</code>
7	<code>}</code>
8	<code>public function about_us()</code>
9	<code>{</code>
10	<code>    return view('front-office.about-us');</code>
11	<code>}</code>
12	<code>public function news()</code>
13	<code>{</code>



14	<code>\$data['news'] = News::orderBy('created_at', 'desc')-&gt;where('status', 'published')-&gt;paginate(9);</code>
15	<code>\$category_id = \$data['news']-&gt;pluck('list_category.*.category_id')-&gt;flatten()-&gt;unique();</code>
16	<code>\$data['category_news'] = CategoryNews::whereIn('id', \$category_id)-&gt;get();</code>
17	<code>return view('front-office.news', \$data);</code>
18	<code>}</code>
19	<code>public function news_view(\$slug)</code>
20	<code>{</code>
21	<code>try {</code>
22	<code>    \$data['data'] = News::where('slug', \$slug)-&gt;first();</code>
23	<code>    if (\$data['data']-&gt;status !== 'published') return redirect()-&gt;back();</code>
24	<code>    \$cookie_name = 'viewed_news_' . \$slug;</code>
25	<code>    if (!Cookie::has(\$cookie_name)) {</code>
26	<code>        Cookie::queue(\$cookie_name, true, 60 * 24 * 365);</code>
27	<code>        \$data['data']-&gt;increment('view');</code>
28	<code>    }</code>
29	<code>    return view('front-office.news-detail', \$data);</code>
30	<code>    } catch (\Throwable \$th) {</code>
31	<code>        abort(404);</code>
32	<code>    }</code>
33	<code>}</code>
34	<code>public function consultation()</code>
35	<code>{</code>
36	<code>    \$data['consultation'] = Consultation::orderBy('updated_at', 'desc')-&gt;where('published', true)-&gt;paginate(9);</code>
37	<code>    return view('front-office.consultation', \$data);</code>
38	<code>}</code>
39	<code>public function consultation_login()</code>
40	<code>{</code>
41	<code>    session()-&gt;put('url.intended', route('web.consultation'));</code>
42	<code>    return redirect()-&gt;route('login');</code>
43	<code>}</code>
44	<code>public function consultation_view(\$slug)</code>
45	<code>{</code>
46	<code>try {</code>
47	<code>    \$data['data'] = Consultation::where('slug', \$slug)-&gt;first();</code>
48	<code>    if (!\$data['data']-&gt;published) return redirect()-&gt;back();</code>
49	<code>    \$cookie_name = 'viewed_consultation_' . \$slug;</code>
50	<code>    if (!Cookie::has(\$cookie_name)) {</code>
51	<code>        Cookie::queue(\$cookie_name, true, 60 * 24 * 365);</code>
52	<code>        \$data['data']-&gt;increment('view');</code>
53	<code>    }</code>
54	<code>    return view('front-office.consultation-detail', \$data);</code>
55	<code>    } catch (\Throwable \$th) {</code>
56	<code>        abort(404);</code>

57	}
58	}
59	public function map()
60	{
61	return view('front-office.map');
62	}

#### 4. News Controller

1	public function comment(Request \$request)
2	{
3	\$validator = \$this->set_validator(\$request->all(), [
4	'news_id' => 'required',
5	'content' => 'required',
6	]);
7	if (!\$validator) return redirect()->back();
8	DB::beginTransaction();
9	try {
10	\$news = News::find(Crypt::decrypt(\$request->news_id));
11	NewsComment::create([
12	'commented_by' => auth()->user()->id ?? null,
13	'news_id' => \$news->id,
14	'content' => "<p>{\$request->content}</p>"
15	]);
16	toast('Berhasil melakukan komentar pada postingan', 'success');
17	DB::commit();
18	} catch (\Throwable \$th) {
19	DB::rollback();
20	toast('Terdapat kesalahan dalam memproses permintaan anda, silahkan ulangi!', 'error');
21	}
22	return redirect()->route('web.news.view', \$news->slug);
23	}
24	
25	public function comment_delete(\$id)
26	{
27	DB::beginTransaction();
28	try {
29	\$comment = NewsComment::find(Crypt::decrypt(\$id));
30	\$slug = \$comment->news->slug;
31	\$comment->delete();
32	toast('Komentar berhasil dihapus!', 'success');
33	DB::commit();
34	} catch (\Throwable \$th) {
35	DB::rollback();

36	toast('Terdapat kesalahan dalam memproses permintaan anda, silahkan ulangi!', 'error');
37	}
38	return redirect()->route('web.news.view', \$slug);
39	}

## 5. Consultation Controller

1	public function create(Request \$request)
2	{
3	\$validator = \$this->set_validator(\$request->all(), [
4	'title' => 'required',
5	'content' => 'required'
6	]);
7	if (!\$validator) return redirect()->back();
8	DB::beginTransaction();
9	try {
10	Consultation::create(
11	[
12	'created_by' => auth()->user()->id,
13	'title' => \$request->title,
14	'content' => \$request->content,
15	]
16	);
17	toast('Pengajuan konsultasimu berhasil, harap tunggu hingga ada jawaban.', 'success');
18	DB::commit();
19	} catch (\Throwable \$th) {
20	DB::rollBack();
21	throw \$th;
22	toast('Terdapat kesalahan dalam memproses permintaan anda, silahkan ulangi!', 'error');
23	}
24	return redirect()->route('web.consultation');
25	}
26	public function finish(\$id)
27	{
28	DB::beginTransaction();
29	try {
30	Consultation::find(Crypt::decrypt(\$id))->update(['status' => 'finished']);
31	toast('Konsultasi berhasil diselesaikan!', 'success');
32	DB::commit();
33	} catch (\Throwable \$th) {
34	DB::rollback();
35	toast('Terdapat kesalahan dalam memproses permintaan anda, silahkan ulangi!', 'error');
36	}
37	return redirect()->route('web.consultation');

```
38 | }
```

## 6. Map Controller

```
1 | public function province(Request $request)
2 | {
3 |     $path = public_path('data-geojson/indonesia-38-provinces.json');
4 |     $features = collect(json_decode(file_get_contents($path))->features);
5 |     $data = [
6 |         'model' => 'province',
7 |         'type' => 'FeatureCollection',
8 |         'name' => 'map-provinsi-indonesia',
9 |     ];
10 |     $data['setting'] = [
11 |         'center' => [117, -2],
12 |         'zoom' => 4
13 |     ];
14 |     if (!empty($request->province_code)) {
15 |         $features = $features->where('properties.province_kemendagri_code', $request->province_code)->values();
16 |
17 |         $data['setting'] = [
18 |             'center' => $this->calculate_centroid($features[0]->geometry->coordinates[0]),
19 |             'zoom' => 4
20 |         ];
21 |     }
22 |     $data['features'] = $features->transform(function ($d) {
23 |         $d->properties->geo_name = $d->properties->province_kemendagri_name;
24 |         $d->properties->geo_code = $d->properties->province_kemendagri_code;
25 |         $d->properties->model = 'province';
26 |         return $d;
27 |     });
28 |     return response()->json($data);
29 | }
30 | public function regency(Request $request)
31 | {
32 |     $path = public_path('data-geojson/indonesia-38-regencies.json');
33 |     $features = collect(json_decode(file_get_contents($path))->features);
34 |     $data = [
35 |         'type' => 'FeatureCollection',
36 |         'name' => 'map-kabupaten-kota-indonesia',
37 |     ];
38 |     $data['setting'] = [
39 |         'center' => [117, -2],
40 |         'zoom' => 4
```

```

41     ];
42     if (!empty($request->province_code)) {
43         $features = $features->where('properties.province_kemendagri_code', $request->province_code)->values();
44         $data['setting'] = [
45             'center' => $this->calculate_centroid($features[0]->geometry->coordinates[0]),
46             'zoom' => 6
47         ];
48     }
49     $data['features'] = $features->transform(function ($d) {
50         $d->properties->geo_name = $d->properties->regency_kemendagri_name;
51         $d->properties->geo_parent_code = $d->properties->province_kemendagri_code;
52         $d->properties->geo_code = $d->properties->regency_kemendagri_code;
53         $d->properties->model = 'regency';
54         return $d;
55     });
56     return response()->json($data);
57 }
58 public function data(Request $request)
59 {
60     $validator = $this->set_validator($request->all(), [
61         'model' => 'required',
62         'code' => 'required',
63     ]);
64     if (!$validator) return response()->json(['succes' => false]);
65     $column = $request->model === 'province' ? 'province_id' : 'regency_id';
66     $column_value = $request->model === 'province' ? Province::where('code', $request->code)->first()->id :
67     Regency::whereRelation('province', 'code', $request->parent_code ?? null)->where('code', $request->code)->first()->id
68     ?? null;
69     $data = [];
70     $data['lahan'] = number_format(JatamSektor::whereIn('jatang_id', Jatam::where($column, $column_value)-
71     >pluck('id'))->sum('land_area'), 0, ',', '.');
72     $data['petani'] = Jatam::where($column, $column_value)->count();
73     $data['komoditas'] = JatamSektorDetail::whereIn('jatang_id', Jatam::where($column, $column_value)->pluck('id'))
74     ->select('sektor_kerja_detail_id', DB::raw('count(*) as count'))
75     ->whereRelation('detail', 'is_potensi', true)
76     ->whereRelation('detail', 'name', '!=', 'Lainnya')
77     ->groupBy('sektor_kerja_detail_id')
78     ->orderBy('count', 'desc')
79     ->first()->detail->name ?? "Belum Ada";
80     return $data;
81 }

```