LAPORAN UAS

PEMROGRAMAN BERBASIS FRAMEWORK

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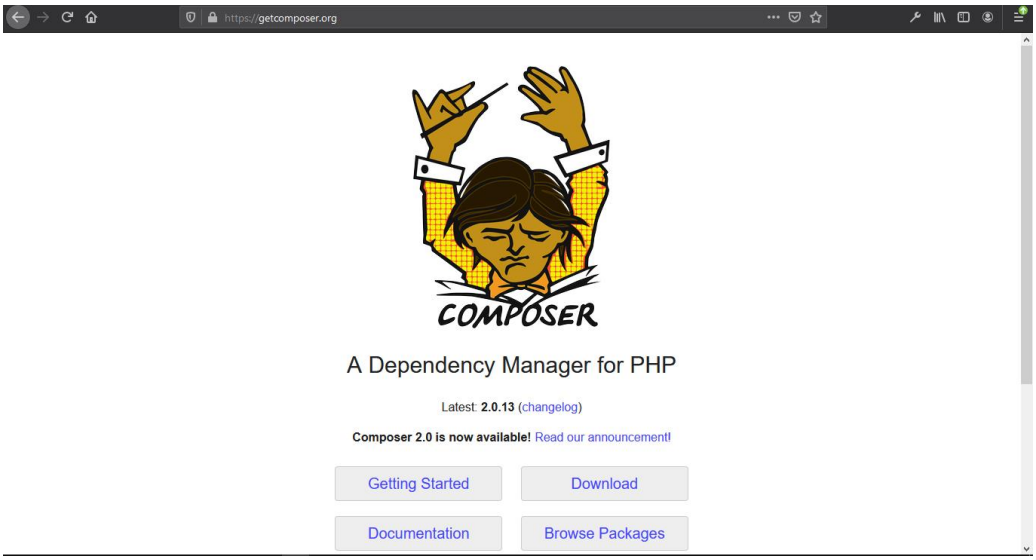
TI-3E

PROGRAM STUDI TEKNIK INFORMATIKA

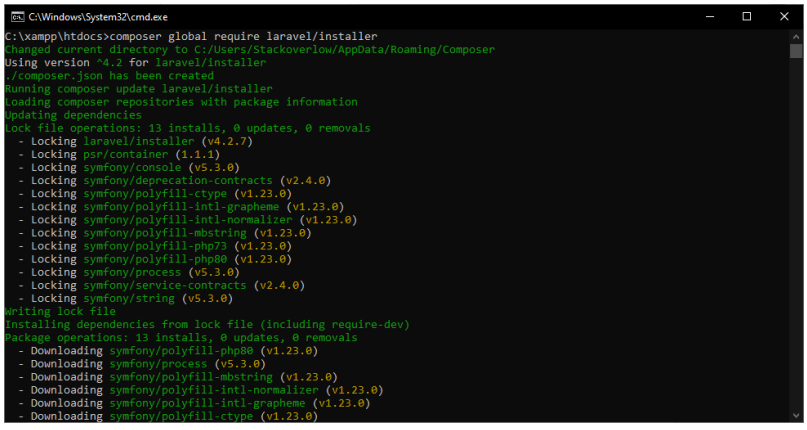
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2021

Link Github: https://github.com/fidelatrstyni/Pemrograman_Framework_2021
Link Youtube:

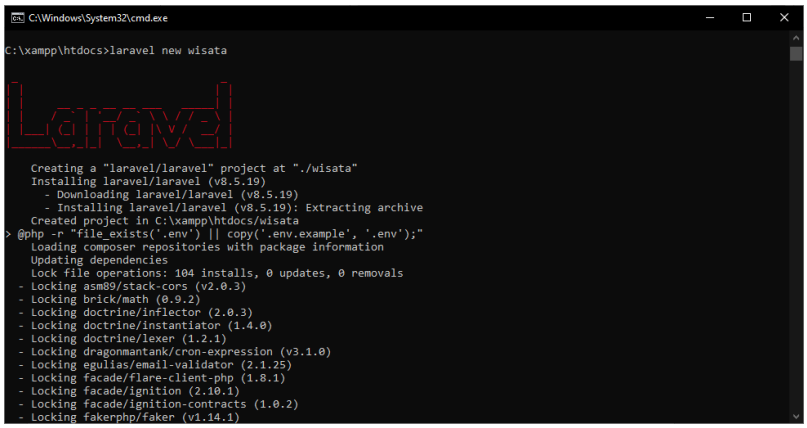
1. Laravel menggunakan Composer untuk mengelola dependensinya. Jadi, sebelum menggunakan Laravel, pastikan Composer telah terinstall terlebih dahulu. Composer adalah dependensi manajer untuk library PHP. Composer digunakan untuk menginstal, menghapus, dan memperbarui paket PHP. Unduh composer melalui https://getcomposer.org/ pilih Download untuk memulai proses unduh.



2. Terdapat 2 cara untuk menginstall Laravel,
   1. Install Via Laravel Installer Setelah proses instalasi Composer selesai, buka Command Prompt lalu tujulah lokasi folder yang akan menampung folder kerja kita. Karena pada praktikum sebelumnya telah menggunakan XAMPP, maka dapat menggunakan folder htdocs. Pindah ke direktori htdocs
   dengan ketik: **cd C:\xampp\htdocs**. Setelah berada di dalam folder, ketikkan perintah sebagai berikut:
   composer global require "laravel/installer"

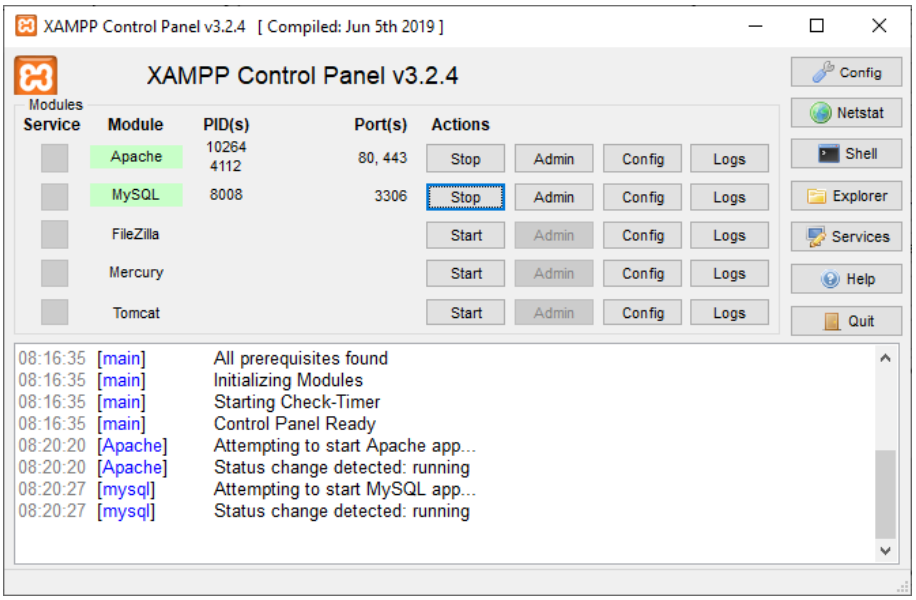


Buat folder laravel dengan mengetikkan perintah:
laravel new wisata



2. Install Via Composer Create-Project
   Selain menggunakan cara pertama, Kita dapat melakukan penginstalan laravel dengan mengetikkan perintah berikut pada command prompt:
   composer create-project --prefer-dist laravel/laravel wisata

3. Setelah proses instalasi Laravel selesai, Kita perlu menguji apakah hasil instalasi tersebut berjalan dengan baik atau tidak. Aktifkan Apache dan MySQL server lewat XAMPP



4. Membuat database dan migration tabel
   Silahkan buat database baru bernama **db_wisata**.
   Kemudian buka file **.env** yang ada di direktori **blog/.env:**
   Cari kode berikut ini di file **.env** dan ubah menjadi ini **:**

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=db_wisata
DB_USERNAME=root
DB_PASSWORD=
```

5. ketik command berikut untuk membuat Model Article dan Migration-nya:
   `php artisan make:model Article –migration`

6. buka file **Article.php** yang ada di dalam direktori **app/Article.php** dan modifikasi:

```php
<?php

namespace App;

use Illuminate\Database\Eloquent\Model;

class Article extends Model
{
    protected $table = "articles";
    protected $fillable = ['img', 'title', 'content'];
}
```

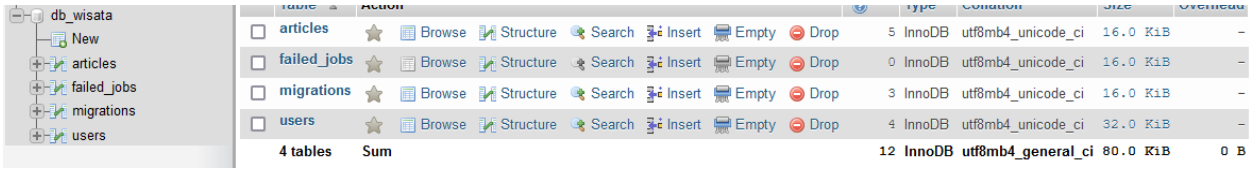
7. Kemudian, buka file ********create_articles_table.php** yang tersimpan di direktori **database/migrations** dan modifikasi seperti kode di bawah ini:

```php
public function up()
{
    Schema::create('articles', function (Blueprint $table) {
        $table->bigIncrements('id');
        $table->string('img');
        $table->string('title');
        $table->string('content');
        $table->timestamps();
    });
}
```

8. Kemudian jalankan command berikut ini agar table yang kita buat migrate ke database:
   `php artisan migrate`

```
PS C:\xampp\htdocs\wisata> php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (92.71ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (63.50ms)
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (92.71ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (63.50ms)
Migrated:  2019_08_19_000000_create_failed_jobs_table (80.80ms)
Migrating: 2021_06_09_003056_create_wisatas_table
Migrated:  2021_06_09_003056_create_wisatas_table (52.63ms)
```

9. Jika berhasil dengan baik, maka di database **db_wisata** akan muncul table seperti gambar di bawah ini:



10. Buka file **routes/web.php** dan silahkan modifikasi:

```
Route::view('/users', 'app');
Route::view('/user/edit/{id}', 'app');
Route::view('/user/{id}', 'app');
Route::view('/user/login', 'app');

Route::view('/articles', 'app');
Route::view('/article/edit/{id}', 'app');
Route::view('/article/{id}', 'app');
Route::view('/', 'app');
Route::view('/{path}', 'app');
```

11. Kemudian buka file **routes/api.php** dan modifikasi menjadi:

```
Route::get('/articles', 'ArticleController@index');
Route::post('/article/store', 'ArticleController@store');
Route::get('/article/edit/{id}', 'ArticleController@getArticle');
Route::get('/article/{id}', 'ArticleController@getArticle');
Route::put('/article/{id}', 'ArticleController@update');
Route::delete('/article/delete/{id}', 'ArticleController@delete');

Route::get('/users', 'UserController@index');
Route::post('/user/registrasi', 'UserController@registrasi');
Route::post('/user/login', 'UserController@login');
Route::get('/user/login', 'UserController@login');
```

12. Ketik command di bawah ini untuk membuat controller baru bernama **ArticleController**

```
php artisan make:controller ArticleController
php artisan make:controller UserController
```

13. Sekarang buka file **UserController.php** yang terdapat di **app/Http/Controllers.** Kemudian ketik kode berikut ini:

CRUD > app > Http > Controllers > Controller.php

```
1   <?php
2
3   namespace App\Http\Controllers;
4
5   use Illuminate\Foundation\Auth\Access\AuthorizesRequests;
6   use Illuminate\Foundation\Bus\DispatchesJobs;
7   use Illuminate\Foundation\Validation\ValidatesRequests;
8   use Illuminate\Routing\Controller as BaseController;
9
10  class Controller extends BaseController
11  {
12      use AuthorizesRequests, DispatchesJobs, ValidatesRequests;
13  }
14
```

14. Sekarang buka file **ArticleController.php** yang terdapat di **app/Http/Controllers.** Kemudian ketik kode berikut ini:

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class ArticleController extends Controller
{
    public function index()
    {
        $articles = \App\Article::all();

        return $articles->toJson();
    }

    public function store(Request $request)
    {
        $validatedData = $request->validate([
            'img' => 'required',
            'title' => 'required',
            'content' => 'required',
        ]);

        $project = \App\Article::create([
            'img' => $validatedData['img'],
            'title' => $validatedData['title'],
            'content' => $validatedData['content'],
        ]);
```

```php
public function getArticle($id)
{
    $article = \App\Article::find($id);

    return $article->toJson();
}

public function update(Request $request, $id)
{
    $validatedData = $request->validate([
        'img' => 'required',
        'title' => 'required',
        'content' => 'required',
    ]);

    $article = \App\Article::find($id);
    $article->img = $validatedData['img'];
    $article->title = $validatedData['title'];
    $article->content = $validatedData['content'];
    $article->save();

    $msg = [
        'success' => true,
        'message' => 'Article updated successfully'
    ];
```

15. Jika Anda ingin menginstall package React Js, React Router Dom dan Sweat Alert, silahkan dimulai dari install package **laravel ui dan laravel ui react** berikut ini:

    `composer` **`require`** `laravel/ui`

```
PS C:\xampp\htdocs\wisata> composer require laravel/ui
Using version ^3.3 for laravel/ui
./composer.json has been updated
Running composer update laravel/ui
Loading composer repositories with package information
Updating dependencies
Lock file operations: 1 install, 0 updates, 0 removals
  - Locking laravel/ui (v3.3.0)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Downloading laravel/ui (v3.3.0)
  - Installing laravel/ui (v3.3.0): Extracting archive
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fideloper/proxy
Discovered Package: fruitcake/laravel-cors
Discovered Package: laravel/sail
Discovered Package: laravel/tinker
Discovered Package: laravel/ui
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
74 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
PS C:\xampp\htdocs\wisata>
```

Kemudian install react js:

```
php artisan ui react
```

```
PS C:\xampp\htdocs\wisata> php artisan ui react
React scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.
```

Lalu install NodeJsnya:

```
(npm install) -and (npm run dev)  atau  npm install || npm run dev
```

```
  run `npm fund` for details

found 36 vulnerabilities (34 moderate, 2 high)
  run `npm audit fix` to fix them, or `npm audit` for details
PS C:\xampp\htdocs\wisata> npm install | npm run dev
npm WARN deprecated popper.js@1.16.1: You can find the new Popper v2 at @popperjs/core, this package is dedicated to the legacy v1
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\chokidar\node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"wi
,"arch":"ia32"})
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"wi
","arch":"ia32"})


> @ dev C:\xampp\htdocs\wisata
> npm run development
```

Kemudian install react router dom nya:

```
npm install react-router-dom
```

dan terakhir sweat alertnya:

```
npm i react-bootstrap-sweetalert
```

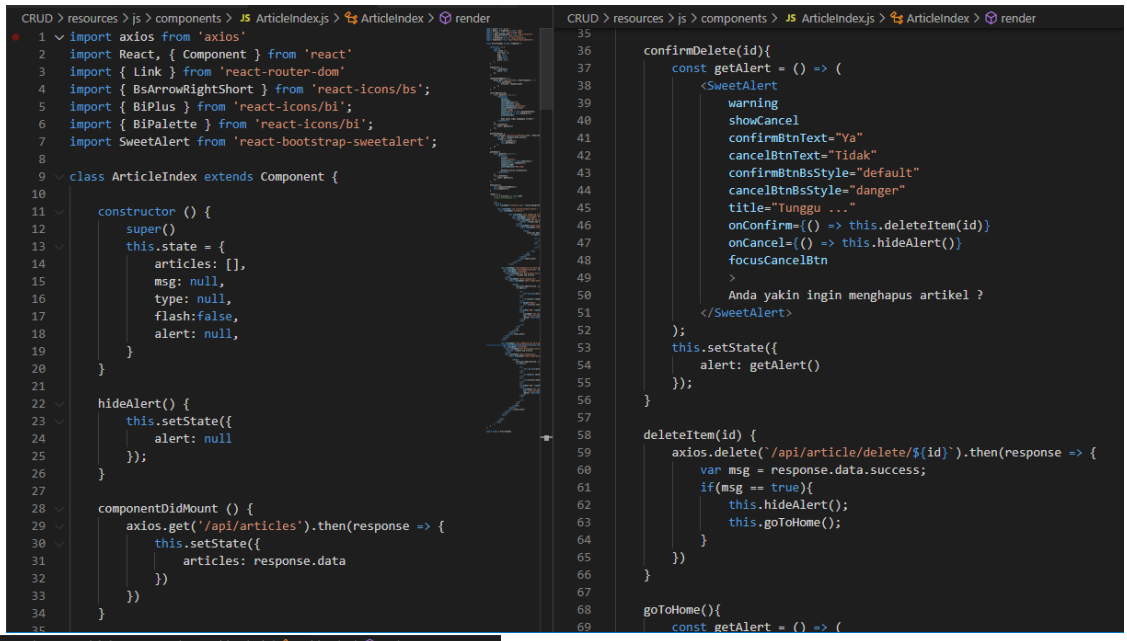
16. Buat file baru bernama **App.js** dan simpan di direktori **resourses/js/components.**
    Ketik kode berikut ini:

```
import React, { Component } from 'react'
import ReactDOM from 'react-dom'
import { BrowserRouter, Route, Switch } from 'react-router-dom'
import Header from './Header'
import ArticleIndex from './ArticleIndex'
import ArticleCreate from './ArticleCreate'
import ArticleShow from './ArticleShow'
import ArticleEdit from './ArticleEdit'

import UserCreate from './UserCreate'
import UserIndex from './UserIndex'
import UserLogin from './UserLogin'

class App extends Component {
    render () {
        return (
            <BrowserRouter>
                <div>
                    <Header />
                    <Switch>
                    <Route exact path='/' component={ArticleIndex}/>
                    <Route exact path='/create' component={ArticleCreate} />
                    <Route path='/article/edit/:id' component={ArticleEdit} />
                    <Route path='/article/:id' component={ArticleShow} />
                    <Route exact path='/registrasi' component={UserCreate} />
                    <Route exact path='/user' component={UserIndex}/>
                    <Route exact path='/login' component={UserLogin}/>
                    </Switch>
                </div>
```

17. Buat lagi file baru bernama **Header.js** dan simpan di direktori **resourses/js/components.**
    Ketik kode berikut ini:

```
CRUD > resources > js > components > JS Header.js > ...
1   import React from 'react'
2   import { Link } from 'react-router-dom'
3   import { BsPersonPlus } from 'react-icons/bs';
4   import { BiPalette } from 'react-icons/bi';
5   import { BiLogIn } from 'react-icons/bi';
6
7   const Header = () => (
8       <nav className='navbar navbar-dark bg-primary fixed-top'>
9           <div className='container'>
10              <Link className='btn btn-primary btn-sm mb-3' to='/registrasi' style={{ marginLeft: '0px', marginTop: '10px' }}>
11                  Registrasi <BsPersonPlus /></Link>
12              <Link className='navbar-brand' to='/' style={{ marginLeft: '200px'}}><BiPalette />Kunci Wisata</Link>
13              <Link className='btn btn-primary btn-sm mb-3' to='/login' style={{ marginLeft: '200px', marginTop: '10px' }}>Login <BiLogIn /> </Link
14
15          </div>
16      </nav>
17  )
18
19  export default Header
```

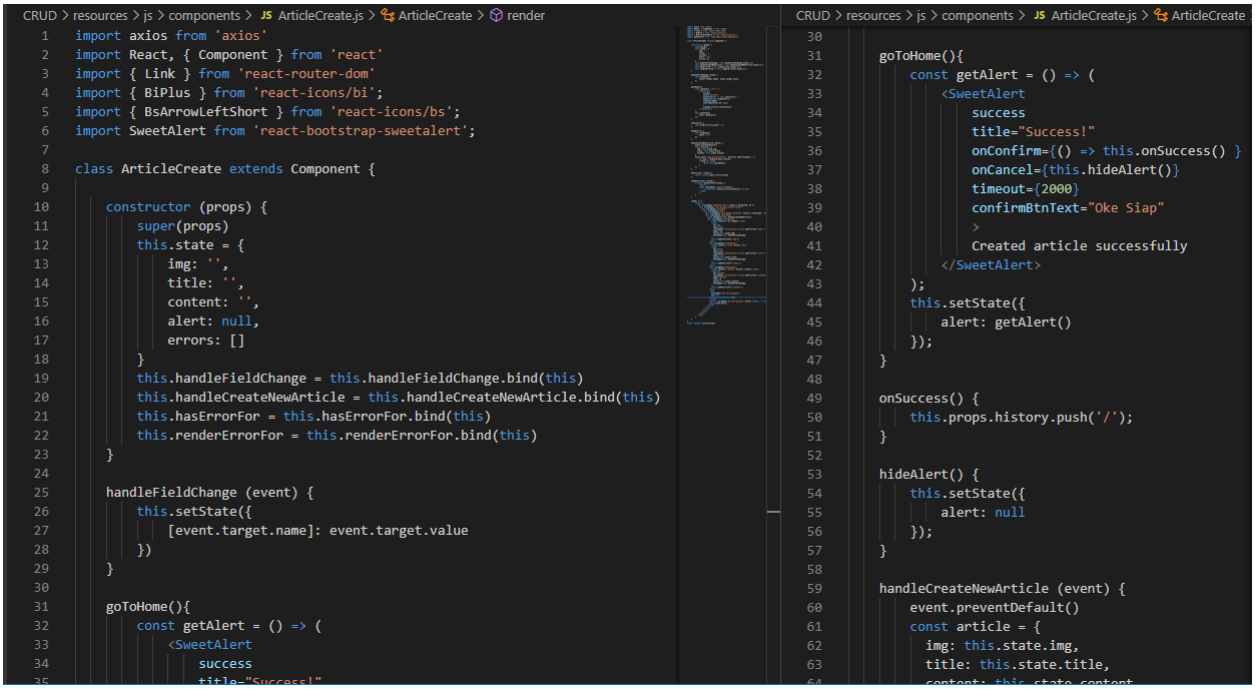
18. Buat lagi file baru bernama **ArticleIndex.js** dan simpan di direktori **resourses/js/components.**
    Ketik kode berikut ini:

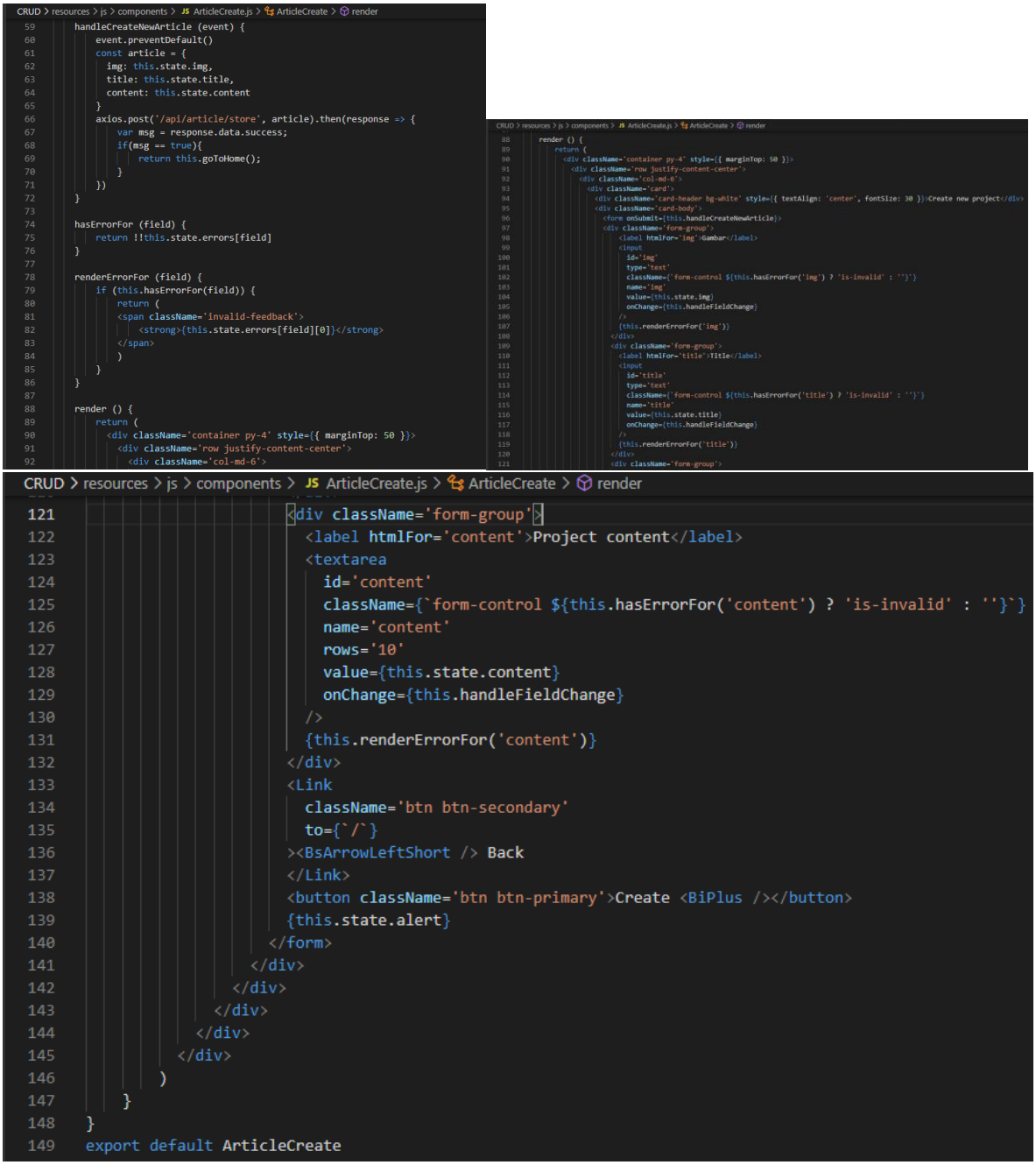


```
CRUD > resources > js > components > JS ArticleIndex.js > ArticleIndex > render
```

```
import axios from 'axios'
import React, { Component } from 'react'
import { Link } from 'react-router-dom'
import { BsArrowRightShort } from 'react-icons/bs';
import { BiPlus } from 'react-icons/bi';
import { BiPalette } from 'react-icons/bi';
import SweetAlert from 'react-bootstrap-sweetalert';

class ArticleIndex extends Component {

    constructor () {
        super()
        this.state = {
            articles: [],
            msg: null,
            type: null,
            flash:false,
            alert: null,
        }
    }

    hideAlert() {
        this.setState({
            alert: null
        });
    }

    componentDidMount () {
        axios.get('/api/articles').then(response => {
            this.setState({
                articles: response.data
            })
        })
    }

    confirmDelete(id){
        const getAlert = () => (
            <SweetAlert
                warning
                showCancel
                confirmBtnText="Ya"
                cancelBtnText="Tidak"
                confirmBtnBsStyle="default"
                cancelBtnBsStyle="danger"
                title="Tunggu ..."
                onConfirm={() => this.deleteItem(id)}
                onCancel={() => this.hideAlert()}
                focusCancelBtn
                >
                Anda yakin ingin menghapus artikel ?
            </SweetAlert>
        );
        this.setState({
            alert: getAlert()
        });
    }

    deleteItem(id) {
        axios.delete(`/api/article/delete/${id}`).then(response => {
            var msg = response.data.success;
            if(msg == true){
                this.hideAlert();
                this.goToHome();
            }
        })
    }

    goToHome(){
        const getAlert = () => (
            <SweetAlert
                success
                title="Success!"
                onConfirm={() => this.onSuccess() }
                onCancel={this.hideAlert()}
                timeout={2000}
                confirmBtnText="Oke Siap"
                >
                Deleted article successfully
            </SweetAlert>
        );
        this.setState({
            alert: getAlert()
        });
    }

    onSuccess(){
        this.componentDidMount();
        this.hideAlert();
    }

    render () {
        const { articles } = this.state
        //const articleStyle = {

        //};
        return (
            <div className='container py-4' style={{marginTop:50}}>

                <div className='row justify-content-center'>
                    <div className='col-md-12'>
                        <div className='card shadow-lg p-3 mb-5 bg-white rounded'>
                            <div className='card-header bg-white' style={{ textAlign: 'center', fontSize: 30 }}> <BiPalette />Rekomendasi Wisata
                            <div className='card-body'>
                                <Link className='btn btn-primary btn-sm mb-3' to='/create'>
                                    <BiPlus /> Create new article
                                </Link>
                                <div className="table-responsive">
                                    <table className="table table-bordered table-hover">

                                        <tbody>
                                            {articles.map((article, i) => (
                                                <td key={i}>

                                                    <tr>
                                                        <td><img src={article.img}  width="250" height="150" /></td>
                                                    </tr>
                                                    <tr>
                                                        <td style={{ textAlign: 'center' }}>{article.title}</td>
                                                    </tr>
                                                    <tr height="80px">
                                                        <td >{article.content}</td>
                                                    </tr>
                                                    <tr>
                                                    <td width="200" className="text-center">
                                                    <Link
                                                        className='btn btn-primary btn-lg btn-block'
                                                        to={`/article/${article.id}`}
                                                        >Detail <BsArrowRightShort />
                                                    </Link>
                                                    </td>

                                                </tr>
                                            </td>
                                            ))
                                        </tbody>
                                    </table>
                                    {this.state.alert}
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        )
    }
}

export default ArticleIndex
```

19. Buat lagi file baru bernama **ArticleCreate.js** dan simpan di direktori **resourses/js/components.** Ketik kode berikut ini:





```
CRUD > resources > js > components > JS ArticleCreate.js > ArticleCreate > render
121                         <div className='form-group'>
122                           <label htmlFor='content'>Project content</label>
123                           <textarea
124                             id='content'
125                             className={`form-control ${this.hasErrorFor('content') ? 'is-invalid' : ''}`}
126                             name='content'
127                             rows='10'
128                             value={this.state.content}
129                             onChange={this.handleFieldChange}
130                           />
131                           {this.renderErrorFor('content')}
132                         </div>
133                         <Link
134                           className='btn btn-secondary'
135                           to={`/`}
136                         ><BsArrowLeftShort /> Back
137                         </Link>
138                         <button className='btn btn-primary'>Create <BiPlus /></button>
139                         {this.state.alert}
140                       </form>
141                     </div>
142                   </div>
143                 </div>
144               </div>
145             </div>
146           )
147       }
148   }
149   export default ArticleCreate
```

20. Buat lagi file baru bernama **ArticleEdit.js** dan simpan di direktori **resourses/js/components.** Ketik kode berikut ini:

CRUD > resources > js > components > JS ArticleEdit.js > ...

```
import axios from 'axios'
import React, { Component } from 'react'
import { Link } from 'react-router-dom'
import SweetAlert from 'react-bootstrap-sweetalert';

    class ArticleEdit extends Component {
      constructor (props) {
        super(props)
        this.state = {
          title: '',
          content: '',
          alert: null,
          message:'',
          errors: []
        }
        this.handleFieldChange = this.handleFieldChange.bind(this)
        this.handleUpdateArticle = this.handleUpdateArticle.bind(this)
        this.hasErrorFor = this.hasErrorFor.bind(this)
        this.renderErrorFor = this.renderErrorFor.bind(this)
      }

      handleFieldChange (event) {
        this.setState({
          [event.target.name]: event.target.value
        })
      }

      componentDidMount () {

        const articleId = this.props.match.params.id

        axios.get(`/api/article/edit/${articleId}`).then(response => {
          this.setState({
            title: response.data.title,
            content: response.data.content,
          })
        })
      }

      goToHome(){
        const getAlert = () => (
            <SweetAlert
                success
                title="Success!"
                onConfirm={() => this.onSuccess() }
                onCancel={this.hideAlert()}
                timeout={2000}
                confirmBtnText="Oke Siap"
                >
                {this.state.message}
            </SweetAlert>
        );
        this.setState({
          alert: getAlert()
        });
      }

      onSuccess() {
        this.props.history.push('/');
      }

      hideAlert() {
        this.setState({
          alert: null
        });
      }

      handleUpdateArticle (event) {
        event.preventDefault()

        const article = {
          title: this.state.title,
          content: this.state.content
        }

        const articleId = this.props.match.params.id

        axios.put(`/api/article/${articleId}`, article)
          .then(response => {
            // redirect to the homepage
            var msg = response.data.success;
            if(msg == true){
                this.setState({
                    message: response.data.message
                })
                return this.goToHome();
            }

          });
      }

      hasErrorFor (field) {
        return !!this.state.errors[field]
      }

      renderErrorFor (field) {
        if (this.hasErrorFor(field)) {
          return (
            <span className='invalid-feedback'>
              <strong>{this.state.errors[field][0]}</strong>
            </span>
          )
        }
      }

      render () {
        const { article } = this.state
        return (
          <div className='container py-4'>
            <div className='row justify-content-center'>
              <div className='col-md-6'>
                <div className='card'>
                  <div className='card-header'>Create new project</div>
                  <div className='card-body'>
                    <form onSubmit={this.handleUpdateArticle}>
                      <div className='form-group'>
                        <label htmlFor='title'>Title</label>
                        <input
                          id='title'
                          type='text'
                          className={`form-control ${this.hasErrorFor('title') ? 'is-invalid' : ''}`}
                          name='title'
                          value={this.state.title}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('title')}
                      </div>
                      <div className='form-group'>
                        <label htmlFor='content'>Project content</label>
                        <textarea
                          id='content'
                          className={`form-control ${this.hasErrorFor('content') ? 'is-invalid' : ''}`}
                          name='content'
                          rows='10'
```

CRUD > resources > js > components > JS ArticleEdit.js > ArticleEdit > render

```
                    name='content'
                    rows='10'
                    value={this.state.content}
                    onChange={this.handleFieldChange}
                  />
                  {this.renderErrorFor('content')}
                </div>
                <Link
                  className='btn btn-secondary'
                  to={`/`}
                  >Back
                </Link>
                <button className='btn btn-primary'>Update</button>
                {this.state.alert}
              </form>
            </div>
          </div>
        </div>
      </div>
    </div>
  )
}
}
export default ArticleEdit
```

21. Buat lagi file baru bernama **ArticleShow.js** dan simpan di direktori **resourses/js/components.** Ketik kode berikut ini:

CRUD > resources > js > components > JS ArticleShow.js > ...

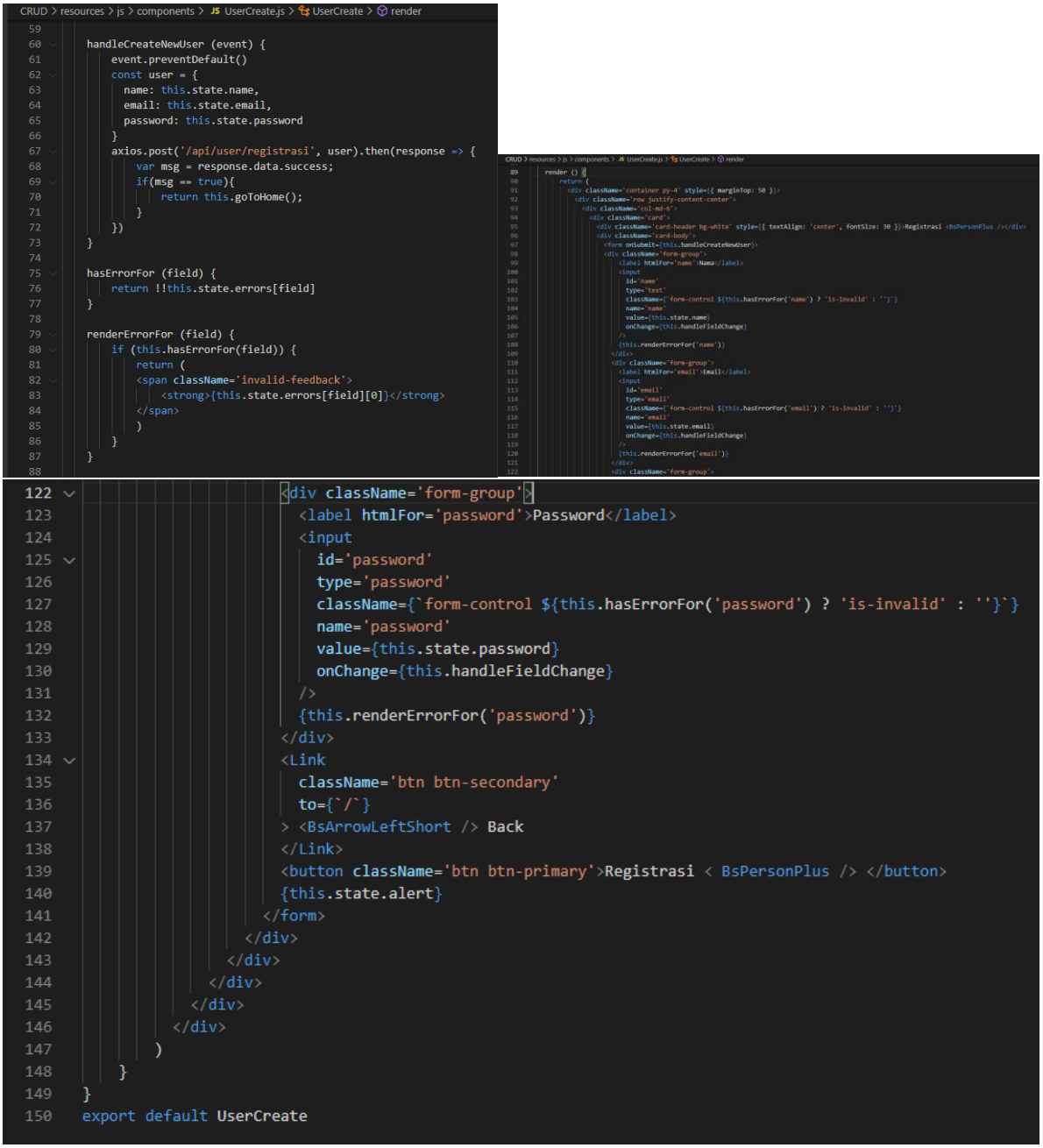
```
import axios from 'axios'
import React, { Component } from 'react'
import { Link } from 'react-router-dom'
import { BsArrowLeftShort } from 'react-icons/bs';

  class ArticleShow extends Component {
    constructor (props) {
      super(props)
      this.state = {
        article: {}
      }
    }

    componentDidMount () {

      const articleId = this.props.match.params.id

      axios.get(`/api/article/${articleId}`).then(response => {
        this.setState({
          article: response.data
        })
      })
    }

    render () {
      const { article } = this.state

      return (
        <div className='container py-4' style={{ marginTop: 50 }}>
          <div className='row justify-content-center'>
            <div className='col-md-8'>
              <div className='card'>
                <div className='card-header bg-white' style={{ textAlign: 'center', fontSize: 30 }}>{article.title}</div>
                <div className='card-body'>
```

```
CRUD > resources > js > components > JS ArticleShow.js > ArticleShow > render
34                    <div className='card-body'>
35                      <p><img src={article.img} width="685" height="450"></img></p>
36                      <p>{article.content}</p>
37                      <Link
38                          className='btn btn-primary'
39                          to={`/`}
40                      ><BsArrowLeftShort />Back
41                      </Link>
42                    </div>
43                  </div>
44                </div>
45              </div>
46            </div>
47          )
48        }
49      }
50
51  export default ArticleShow
```

22. Buat lagi file baru bernama **UserCreate.js** dan simpan di direktori **resourses/js/components.** Ketik kode berikut ini:

```
CRUD > resources > js > components > JS UserCreate.js > UserCreate > render
1   import axios from 'axios'
2   import React, { Component } from 'react'
3   import { Link } from 'react-router-dom'
4   import { BsPersonPlus } from 'react-icons/bs';
5   import { BsArrowLeftShort } from 'react-icons/bs';
6   //import { BsBoxArrowInRight } from 'react-icons/bs';
7   import SweetAlert from 'react-bootstrap-sweetalert';
8
9   class UserCreate extends Component {
10
11      constructor (props) {
12          super(props)
13          this.state = {
14              name: '',
15              email: '',
16              password: '',
17              alert: null,
18              errors: []
19          }
20          this.handleFieldChange = this.handleFieldChange.bind(this)
21          this.handleCreateNewUser = this.handleCreateNewUser.bind(this)
22          this.hasErrorFor = this.hasErrorFor.bind(this)
23          this.renderErrorFor = this.renderErrorFor.bind(this)
24      }
25
26      handleFieldChange (event) {
27          this.setState({
28              [event.target.name]: event.target.value
29          })
30      }
31
32      goToHome(){
33          const getAlert = () => (
34              <SweetAlert
```

```
CRUD > resources > js > components > JS UserCreate.js > UserCreate > render
32      goToHome(){
33          const getAlert = () => (
34              <SweetAlert
35                  success
36                  title="Success!"
37                  onConfirm={() => this.onSuccess() }
38                  onCancel={this.hideAlert()}
39                  timeout={2000}
40                  confirmBtnText="Oke Siap"
41                  >
42                  Created user successfully
43              </SweetAlert>
44          );
45          this.setState({
46              alert: getAlert()
47          });
48      }
49
50      onSuccess() {
51          this.props.history.push('/');
52      }
53
54      hideAlert() {
55          this.setState({
56              alert: null
57          });
58      }
59
60      handleCreateNewUser (event) {
61          event.preventDefault()
62          const user = {
63            name: this.state.name,
64            email: this.state.email,
65            password: this.state.password
```



```
CRUD > resources > js > components > UserCreate.js > UserCreate > render

59
60    handleCreateNewUser (event) {
61        event.preventDefault()
62        const user = {
63          name: this.state.name,
64          email: this.state.email,
65          password: this.state.password
66        }
67        axios.post('/api/user/registrasi', user).then(response => {
68            var msg = response.data.success;
69            if(msg == true){
70                return this.goToHome();
71            }
72        })
73    }
74
75    hasErrorFor (field) {
76        return !!this.state.errors[field]
77    }
78
79    renderErrorFor (field) {
80        if (this.hasErrorFor(field)) {
81            return (
82            <span className='invalid-feedback'>
83                <strong>{this.state.errors[field][0]}</strong>
84            </span>
85            )
86        }
87    }
88
```

```
CRUD > resources > js > components > UserCreate.js > UserCreate > render

89    render () {
90        return (
91          <div className='container py-4' style={{ marginTop: 50 }}>
92            <div className='row justify-content-center'>
93              <div className='col-md-6'>
94                <div className='card'>
95                  <div className='card-header bg-white' style={{ textAlign: 'center', fontSize: 30 }}>Registrasi <BsPersonPlus /></div>
96                  <div className='card-body'>
97                    <form onSubmit={this.handleCreateNewUser}>
98                      <div className='form-group'>
99                        <label htmlFor='name'>Name</label>
100                       <input
101                         id='name'
102                         type='text'
103                         className={`form-control ${this.hasErrorFor('name') ? 'is-invalid' : ''}`}
104                         name='name'
105                         value={this.state.name}
106                         onChange={this.handleFieldChange}
107                       />
108                       {this.renderErrorFor('name')}
109                     </div>
110                     <div className='form-group'>
111                       <label htmlFor='email'>Email</label>
112                       <input
113                         id='email'
114                         type='email'
115                         className={`form-control ${this.hasErrorFor('email') ? 'is-invalid' : ''}`}
116                         name='email'
117                         value={this.state.email}
118                         onChange={this.handleFieldChange}
119                       />
120                       {this.renderErrorFor('email')}
121                     </div>
122                     <div className='form-group'>
```

```
122                     <div className='form-group'>
123                       <label htmlFor='password'>Password</label>
124                       <input
125                         id='password'
126                         type='password'
127                         className={`form-control ${this.hasErrorFor('password') ? 'is-invalid' : ''}`}
128                         name='password'
129                         value={this.state.password}
130                         onChange={this.handleFieldChange}
131                       />
132                       {this.renderErrorFor('password')}
133                     </div>
134                     <Link
135                       className='btn btn-secondary'
136                       to={`/`}
137                     > <BsArrowLeftShort /> Back
138                     </Link>
139                     <button className='btn btn-primary'>Registrasi < BsPersonPlus /> </button>
140                     {this.state.alert}
141                   </form>
142                 </div>
143               </div>
144             </div>
145           </div>
146         </div>
147       )
148     }
149   }
150   export default UserCreate
```

23. Buat lagi file baru bernama **UserLogin.js** dan simpan di direktori **resourses/js/components.** Ketik kode berikut ini:

CRUD > resources > js > components > UserLogin.js > UserLogin > render

```jsx
import axios from 'axios'
import React, { Component } from 'react'
import { Link } from 'react-router-dom'
import { BsArrowLeftShort } from 'react-icons/bs';
import { BiLogIn } from 'react-icons/bi';
import SweetAlert from 'react-bootstrap-sweetalert';

class UserLogin extends Component {

    constructor (props) {
        super(props)
        this.state = {
            email: '',
            password: '',
            alert: null,
            errors: []
        }
        this.handleFieldChange = this.handleFieldChange.bind(this)
        this.handleLoginUser = this.handleLoginUser.bind(this)
        this.hasErrorFor = this.hasErrorFor.bind(this)
        this.renderErrorFor = this.renderErrorFor.bind(this)
    }

    handleFieldChange (event) {
        this.setState({
            [event.target.name]: event.target.value
        })
    }

    goToHome(){
        const getAlert = () => (
            <SweetAlert
                success
                title="Success!"
```

CRUD > resources > js > components > UserLogin.js > UserLogin > render

```jsx
    goToHome(){
        const getAlert = () => (
            <SweetAlert
                success
                title="Success!"
                onConfirm={() => this.onSuccess() }
                onCancel={this.hideAlert()}
                timeout={2000}
                confirmBtnText="Oke Siap"
                >
                Login user successfully
            </SweetAlert>
        );
        this.setState({
            alert: getAlert()
        });
    }

    onSuccess() {
        this.props.history.push('/');
    }

    hideAlert() {
        this.setState({
            alert: null
        });
    }

    handleLoginUser (event) {
        event.preventDefault()
        const user = {
          email: this.state.email,
          password: this.state.password
        }
```

CRUD > resources > js > components > UserLogin.js > UserLogin > goToHome > getAlert

```jsx
    hasErrorFor (field) {
        return !!this.state.errors[field]
    }

    renderErrorFor (field) {
        if (this.hasErrorFor(field)) {
            return (
            <span className='invalid-feedback'>
                <strong>{this.state.errors[field][0]}</strong>
            </span>
            )
        }
    }

    render () {
        return (
          <div className='container py-4' style={{ marginTop: 50 }}>
            <div className='row justify-content-center'>
              <div className='col-md-6'>
                <div className='card'>
                  <div className='card-header bg-white' style={{ textAlign: 'center', fontSize: 30 }}><BiLogIn />Login</div>
                  <div className='card-body'>
                    <form onSubmit={this.handleCreateNewUser}>
                      <div className='form-group'>
                        <label htmlFor='email'>Email</label>
                        <input
                          id='email'
                          type='email'
                          className={`form-control ${this.hasErrorFor('email') ? 'is-invalid' : ''}`}
                          name='email'
                          value={this.state.email}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('email')}
```

```
CRUD > resources > js > components > JS UserLogin.js > UserLogin > render
                    name='email'
                    value={this.state.email}
                    onChange={this.handleFieldChange}
                  />
                  {this.renderErrorFor('email')}
                </div>
                <div className='form-group'>
                  <label htmlFor='password'>Password</label>
                  <input
                    id='password'
                    type='password'
                    className={`form-control ${this.hasErrorFor('password') ? 'is-invalid' : ''}`}
                    name='password'
                    value={this.state.password}
                    onChange={this.handleFieldChange}
                  />
                  {this.renderErrorFor('password')}
                </div>
                <Link
                  className='btn btn-secondary'
                  to={`/`}
                > <BsArrowLeftShort /> Back
                </Link>
                <button className='btn btn-primary'>Login <BiLogIn /></button>
                {this.state.alert}
              </form>
            </div>
          </div>
        </div>
      </div>
    )
  }
}
export default UserLogin
```

24. Buat lagi file baru bernama **UserIndex.js** dan simpan di direktori **resourses/js/components.** Ketik kode berikut ini:

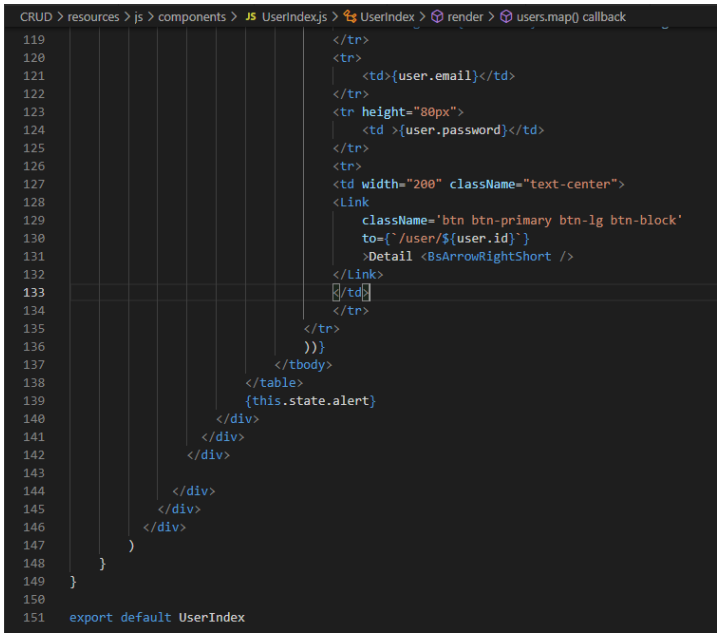
```
CRUD > resources > js > components > JS UserIndex.js > ...
import axios from 'axios'
import React, { Component } from 'react'
import { Link } from 'react-router-dom'
import { BsArrowRightShort } from 'react-icons/bs';
import SweetAlert from 'react-bootstrap-sweetalert';

class UserIndex extends Component {

    constructor () {
        super()
        this.state = {
            users: [],
            msg: null,
            type: null,
            flash:false,
            alert: null,
        }
    }

    hideAlert() {
        this.setState({
            alert: null
        });
    }

    componentDidMount () {
        axios.get('/api/users').then(response => {
            this.setState({
                users: response.data
            })
        })
    }

    confirmDelete(id){
        const getAlert = () => (
            <SweetAlert
                warning
                showCancel
                confirmBtnText="Ya"
                cancelBtnText="Tidak"
                confirmBtnBsStyle="default"
                cancelBtnBsStyle="danger"
                title="Tunggu ..."
                onConfirm={() => this.deleteItem(id)}
                onCancel={() => this.hideAlert()}
                focusCancelBtn
                >
                Anda yakin ingin menghapus artikel ?
            </SweetAlert>
        );
        this.setState({
            alert: getAlert()
        });
    }

    deleteItem(id) {
        axios.delete(`/api/article/delete/${id}`).then(response =
            var msg = response.data.success;
            if(msg == true){
                this.hideAlert();
                this.goToHome();
            }
        })
    }

    goToHome(){
        const getAlert = () => (
```

CRUD > resources > js > components > JS UserIndex.js > ...

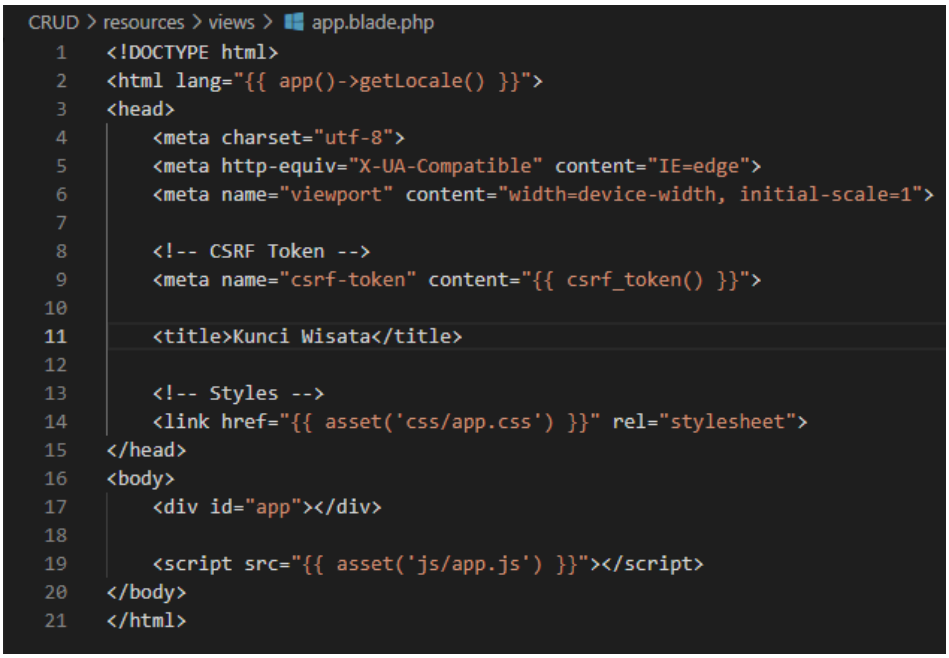
```
67      goToHome(){
68          const getAlert = () => (
69              <SweetAlert
70                  success
71                  title="Success!"
72                  onConfirm={() => this.onSuccess() }
73                  onCancel={this.hideAlert()}
74                  timeout={2000}
75                  confirmBtnText="Oke Siap"
76                  >
77                  Deleted article successfully
78              </SweetAlert>
79          );
80          this.setState({
81              alert: getAlert()
82          });
83      }
84
85      onSuccess(){
86          this.componentDidMount();
87          this.hideAlert();
88      }
89
90      render () {
91          const { users } = this.state
92          return (
```

CRUD > resources > js > components > JS UserIndex.js > ...

```
88  }
89
90  render () {
91      const { users } = this.state
92      return (
93
94        <div className='container py-4'>
95          <div className='row justify-content-center'>
96            <div className='col-md-12'>
97              <div className='card'>
98                <div className='card shadow-lg p-3 mb-5 bg-white rounded' style={{textAlign:'center', fontSize:30}}> <BiPalette />Artikel Tempat Wi
99                <div className='card-body'>
100                 <Link className='btn btn-primary btn-sm mb-3' to='/create'>
101                   <BiPlus />Create new article
102                 </Link>
103                 <div className="table-responsive">
104                     <table className="table table-bordered table-hover">
105                         {/*<thead>
106                             <tr>
107                                 <th width="50" className="text-center">No</th>
108                                 <th>Gambar</th>
109                                 <th>Title</th>
110                                 <th width="200" className="text-center">Action</th>
111                             </tr>
112                         </thead>*/}
113                         <tbody>
114                             {users.map((user, i) => (
115                             <tr key={i}>
116                                 {/*<td width="50" className="text-center">{i + 1}</td>*/}
117                                 <tr>
118                                     <td><img src={user.name}  width="250" height="150" /></td>
119                                 </tr>
120                                 <tr>
121                                     <td>{user.email}</td>
```



25. Buat file baru bernama **app.blade.php** dan simpan di direktori **resource/views.**
    Ketik kode berikut ini:



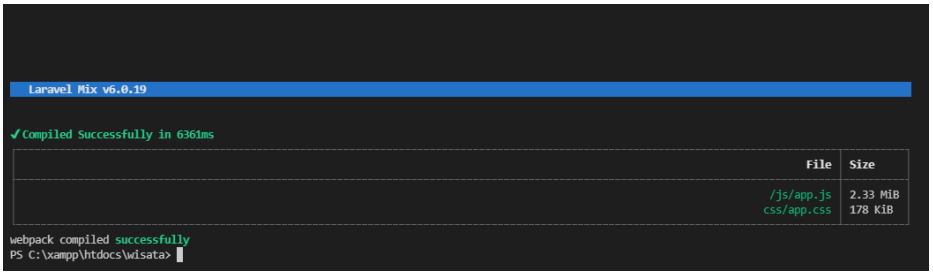
26. Silahkan buka file **resources/js/app.js** kemudian cari kode berikut:

```
require('./components/App');
```

    Fungsinya agar antara file **resourses/js/app.js** dan **resourses/js/components/App.js** terhubung.

27. Ketik command berikut untuk menginstall perubahan yang terjadi:

```
npm run dev
```



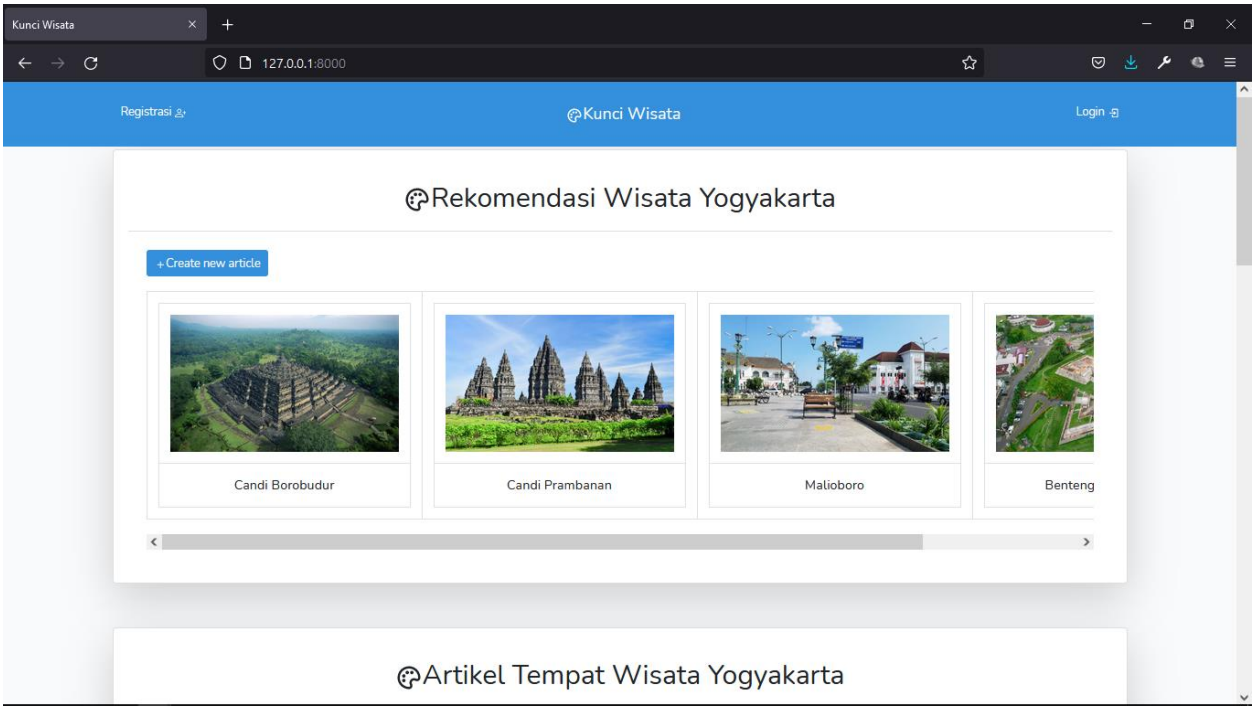
28. Kemudian ketik command berikut:

```
php artisan serve
```

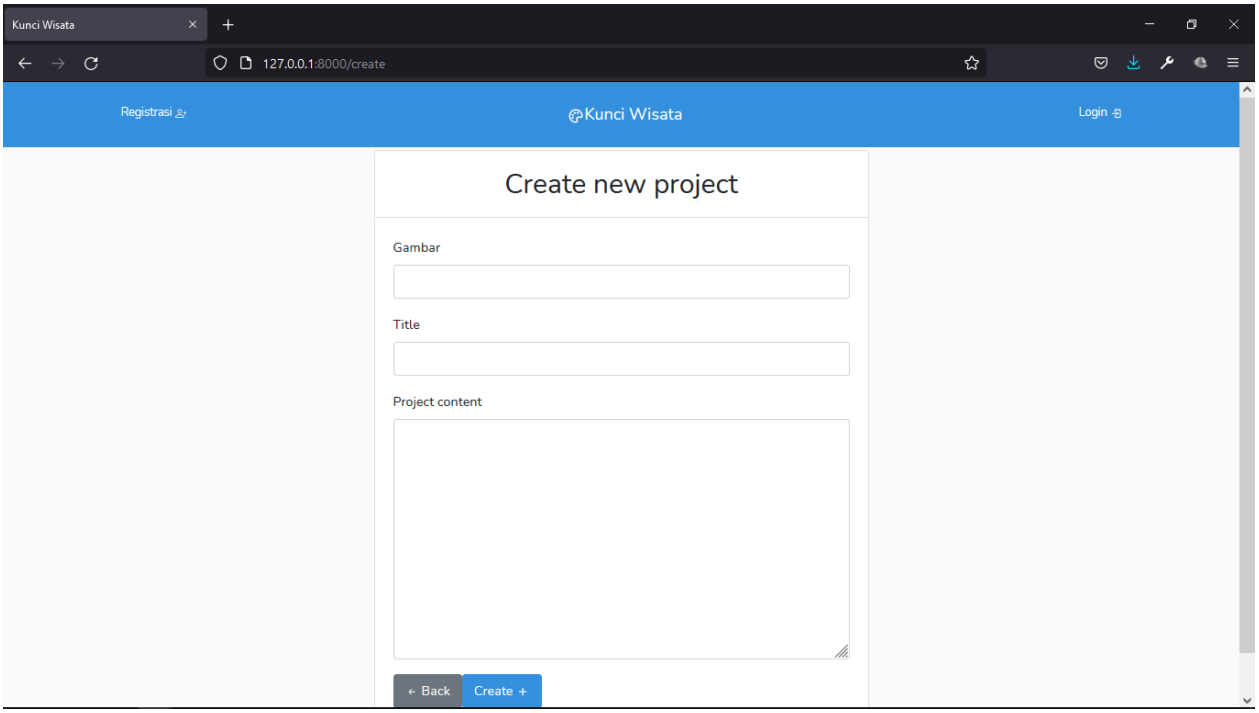
```
Laravel development server started: http://127.0.0.1:8000
[Mon Jun 14 21:49:40 2021] PHP 8.0.6 Development Server (http://127.0.0.1:8000) started
[Mon Jun 14 21:49:44 2021] 127.0.0.1:54747 Accepted
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54747 Closing
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54748 Accepted
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54749 Accepted
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54748 [200]: GET /css/app.css
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54749 [200]: GET /js/app.js
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54748 Closing
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54749 Closing
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54750 Accepted
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54750 Closing
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54751 Accepted
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54756 Accepted
[Mon Jun 14 21:49:45 2021] 127.0.0.1:54751 [200]: GET /favicon.ico
[Mon Jun 14 21:49:46 2021] 127.0.0.1:54756 Closing
[Mon Jun 14 21:49:46 2021] 127.0.0.1:54751 Closing
[Mon Jun 14 21:49:48 2021] 127.0.0.1:54757 Accepted
[Mon Jun 14 21:49:46 2021] 127.0.0.1:54751 Closing
```

29. Hasil

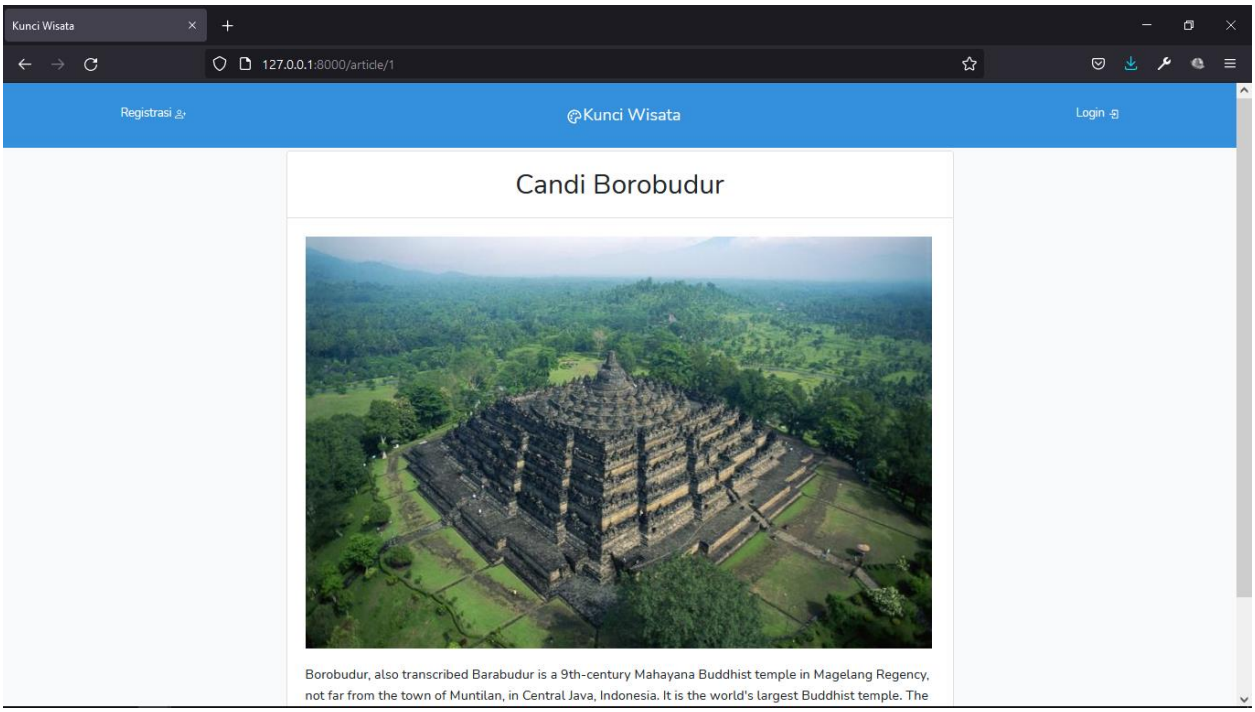
A. Home



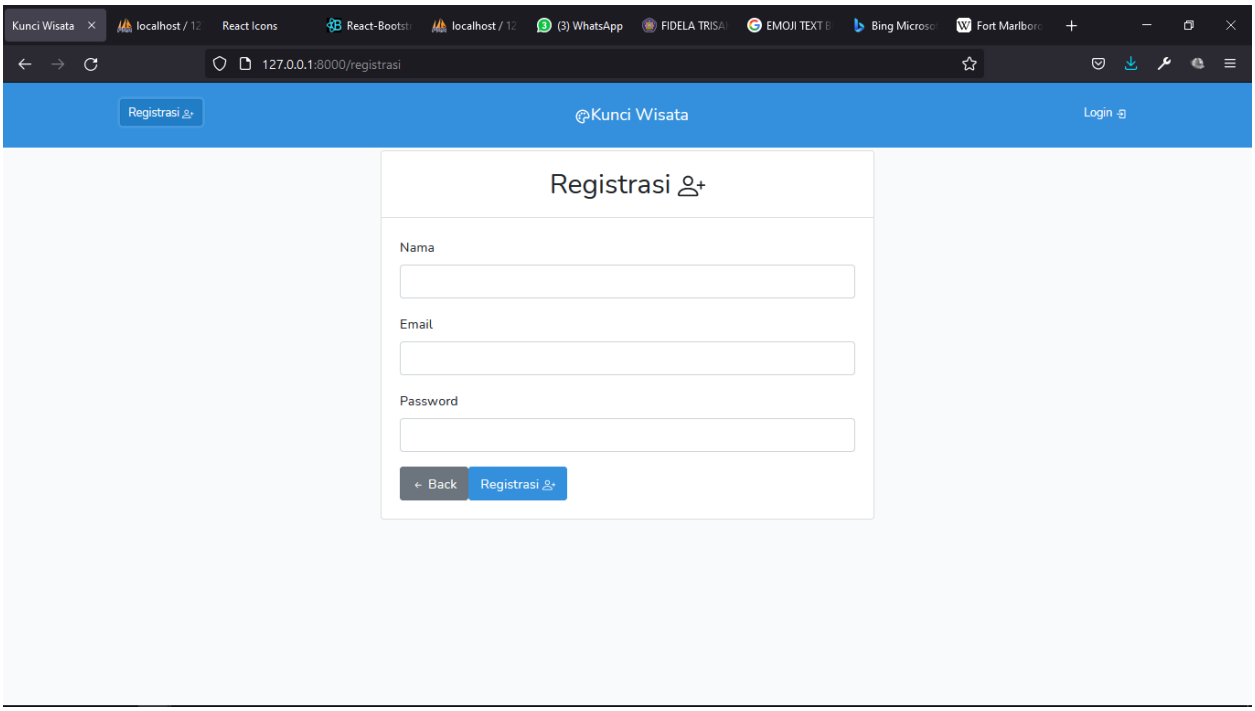
B. Create New Article



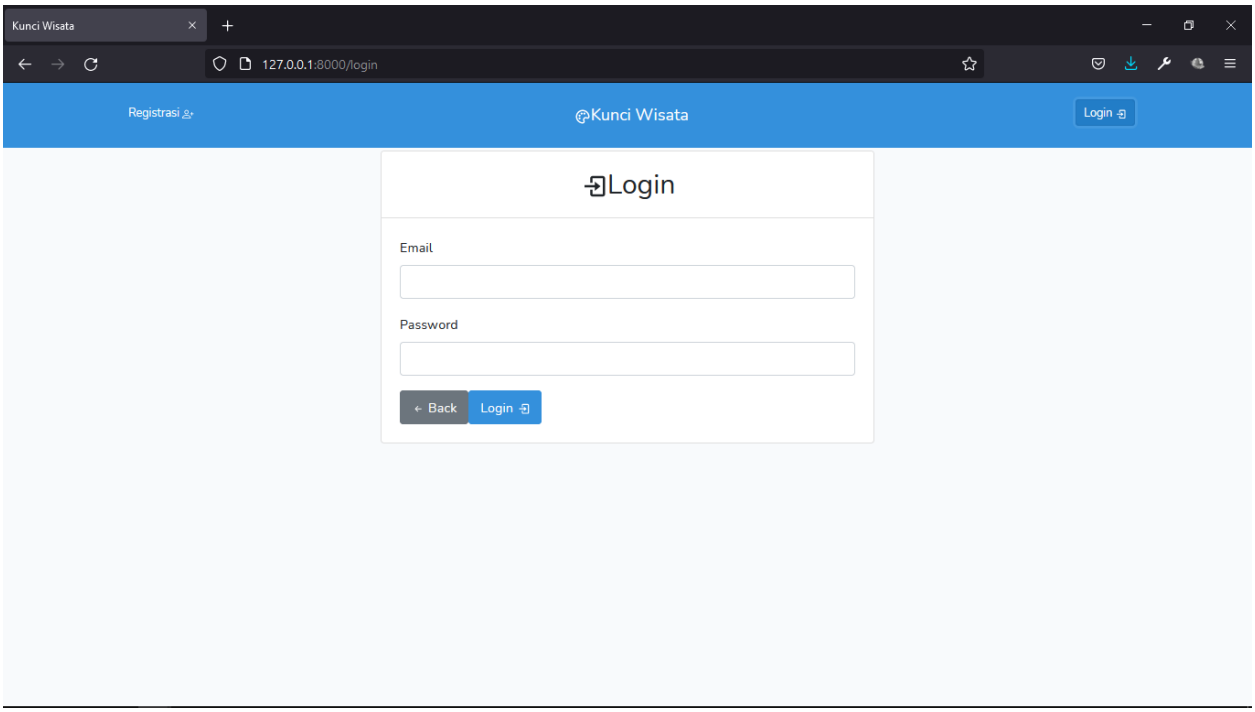
C. Detail



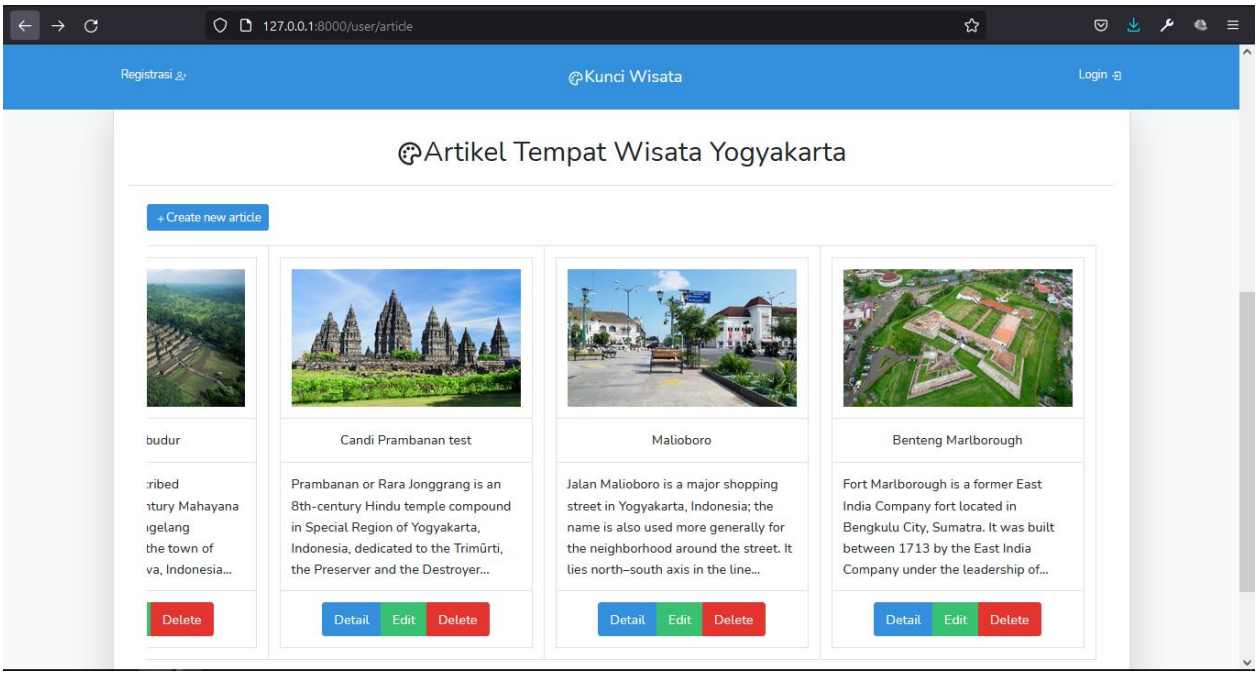
D. Registrasi



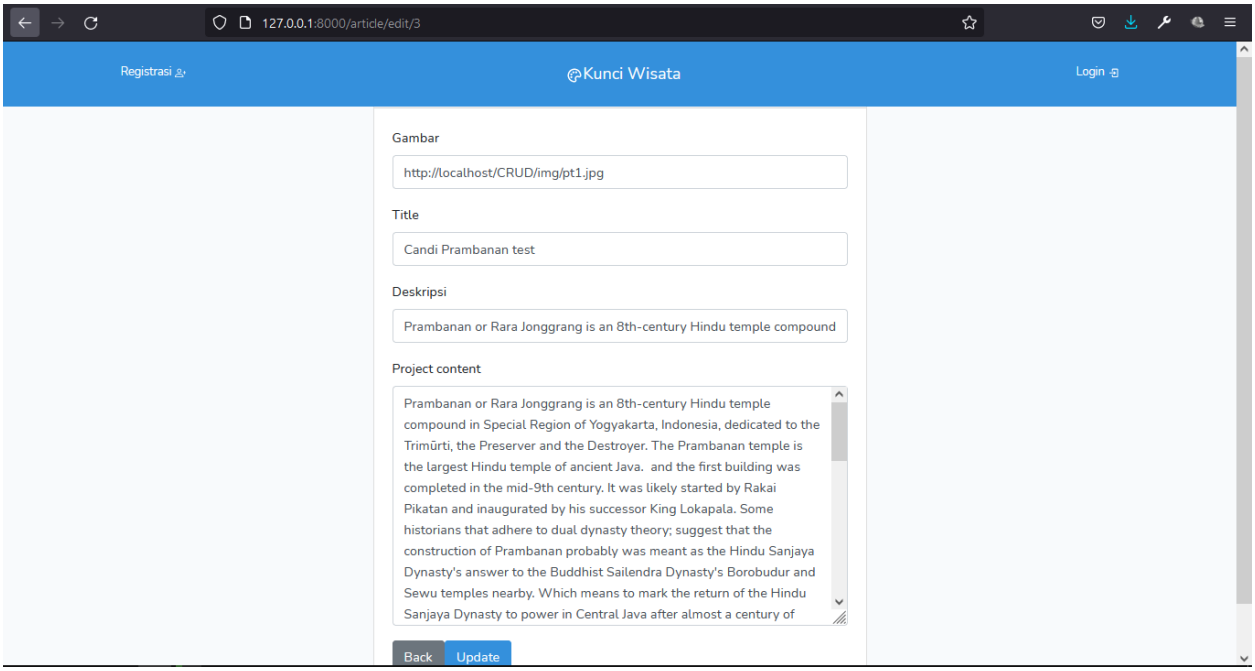
E. Login



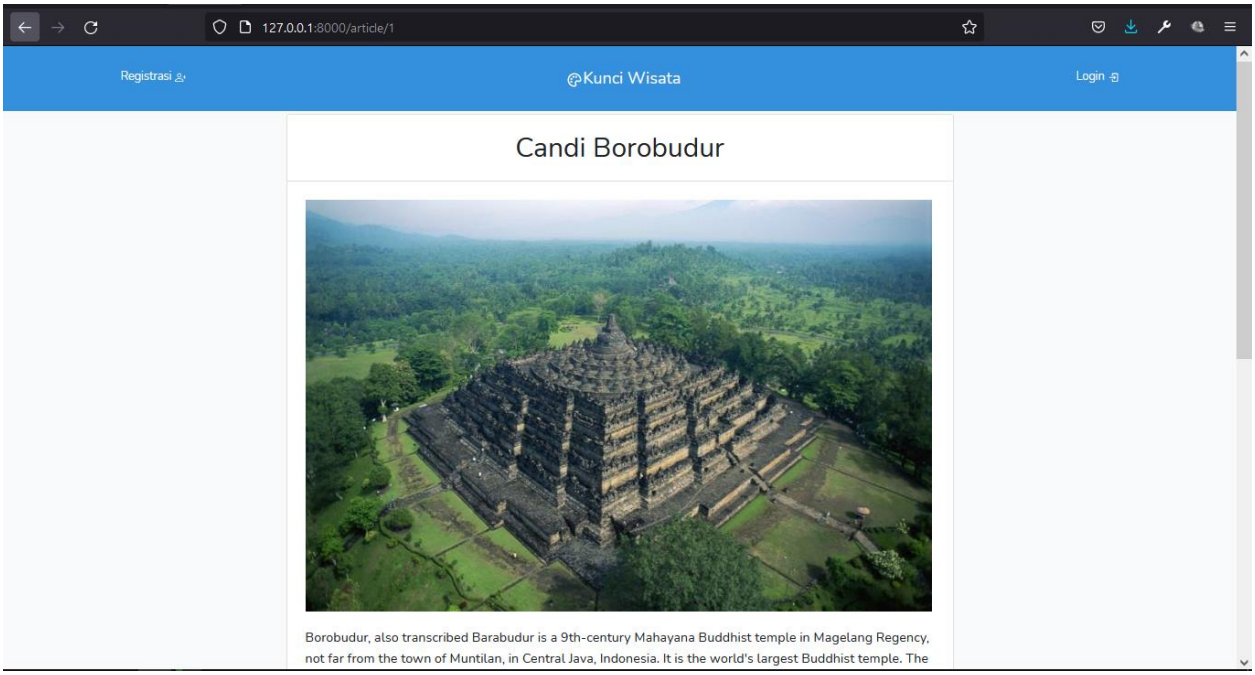
F. Home User



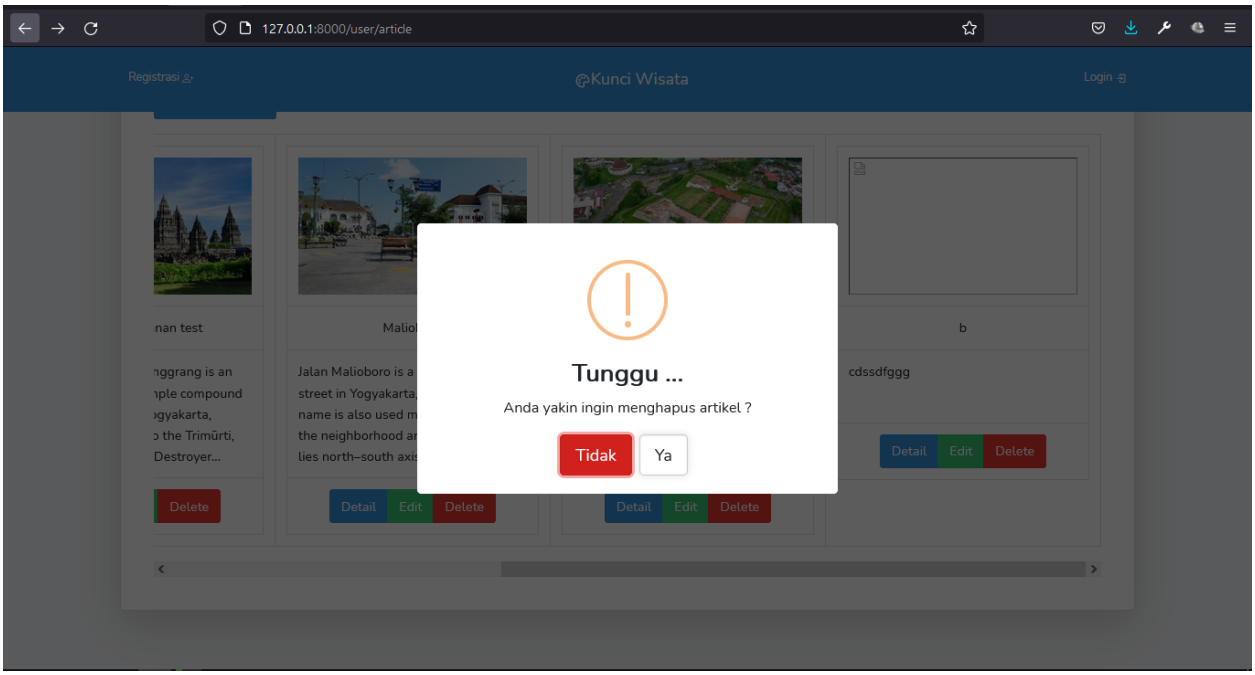
G. Edit User



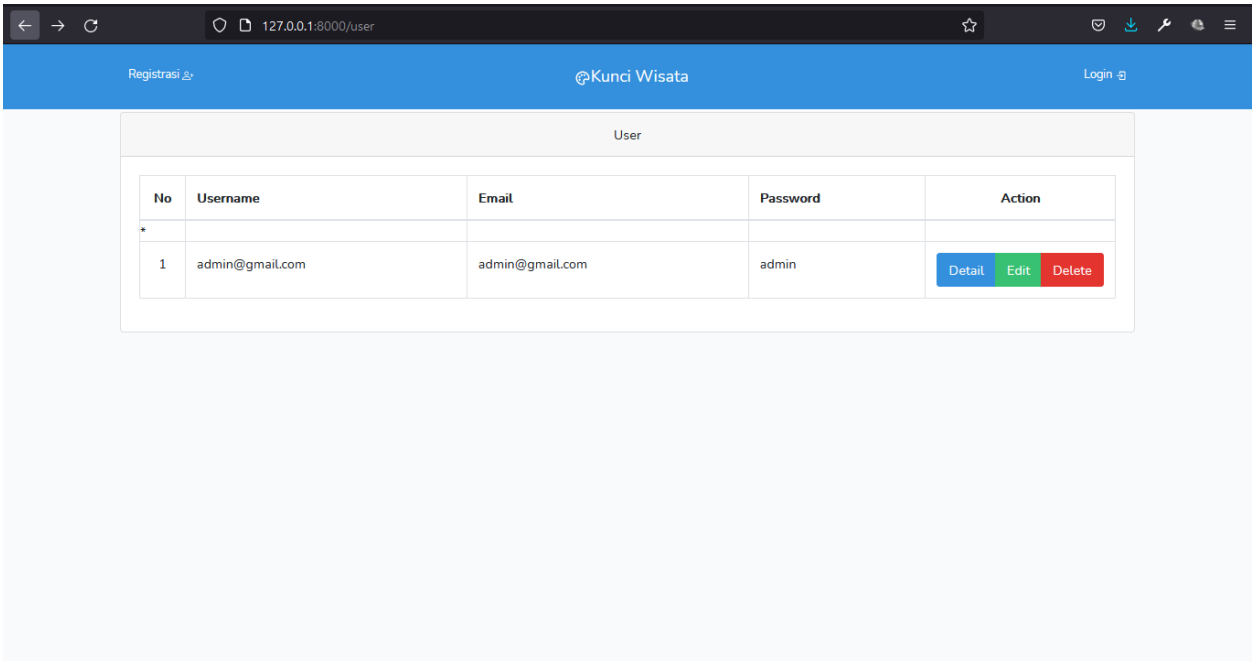
H. Detail User



I. Delete User


127.0.0.1:8000/user/article
Registrasi
Kunci Wisata
Login
nan test
b
cdssdfggg
Detail
Edit
Delete
Tunggu ...
Anda yakin ingin menghapus artikel ?
Tidak
Ya

J. User


127.0.0.1:8000/user
Registrasi
Kunci Wisata
Login
User
No
Username
Email
Password
Action
1
admin@gmail.com
admin@gmail.com
admin
Detail
Edit
Delete