LAPORAN TUGAS 13

Pemrograman Web Berbasis Framework

PERTEMUAN 13

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PROGRAM STUDI D-IV TEKNIK

INFORMATIKA JURUSAN TEKNOLOGI

INFORMASI POLITEKNIK NEGERI MALANG

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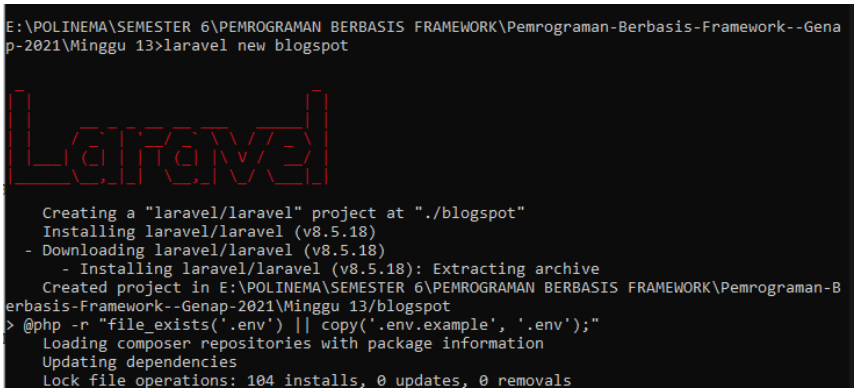
Membuat Project Laravel

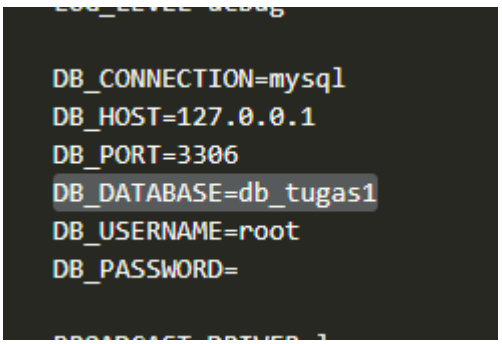
Link Github :
https://github.com/BagusSatria123/PemrogramanFrameworkReact/tree/master/Pertemuan13
Link Youtube : https://youtu.be/MInayHJq2Xw

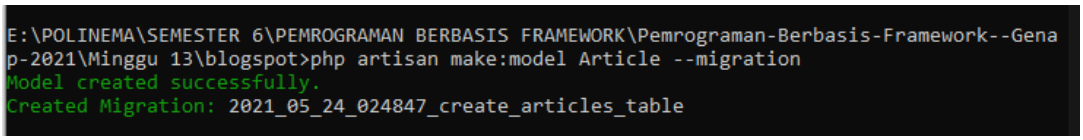
Nomor	Keterangan
1	Hal pertama yang harus dilakukan dalam praktikum ini adalah masuk ke direktori untuk yang akan digunakan sebagai tempat projectnya
2	Setelah memastikan di direktori mana akan ditempatkan laravel, maka akan lanjut dengan membuat project laravel dengan perintah seperti dibawah ini
	`laravel new blogspot`
	

Create Database dan Migration Table

Nomor	Keterangan
1	buka file **.env** yang ada di direktori **blogspot/.env**

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

	
2	ketik command berikut untuk membuat Model Article dan Migration-nya

	`php artisan make:model Article --migration`
	
3	Sekarang buka file **Article.php** yang ada di dalam direktori **app/Article.php** dan modifikasi

	`<?php`
	
	`namespace App;`
	
	`use Illuminate\Database\Eloquent\Model;`
	
	`class Article extends Model`
	`{`
	`  protected $table = "articles";`
	`  protected $fillable = ['judul', "genre", 'tahun', "score", 'deskripsi'];`
	`}`

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

	`<?php`
	
	`use Illuminate\Database\Migrations\Migration;`
	`use Illuminate\Database\Schema\Blueprint;`
	`use Illuminate\Support\Facades\Schema;`
	
	`class CreateArticlesTable extends Migration`
	`{`
	`  public function up()`
	`  {`
	`  Schema::create('articles', function (Blueprint $table) {`
	`  $table->bigIncrements('id');`
	`  $table->string('judul');`
	`  $table->string('genre');`
	`  $table->string('tahun');`
	`  $table->string('score');`
	`  $table->string("deskripsi");`
	`  $table->timestamps();`
	`  });`
	`  }`

```
    public function down()
    {
        Schema::dropIfExists('articles');
    }
}
```

5 Kemudian jalankan command berikut ini agar table yang kita buat migrate ke database

```
php artisan migrate
```

```
E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framework--Genap-2021\Minggu 13\blogspot>php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated:  2014_10_12_000000_create_users_table (150.05ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated:  2014_10_12_100000_create_password_resets_table (181.83ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated:  2019_08_19_000000_create_failed_jobs_table (123.62ms)
Migrating: 2021_05_24_024847_create_articles_table
Migrated:  2021_05_24_024847_create_articles_table (73.87ms)
```

Setting Route Web dan Api

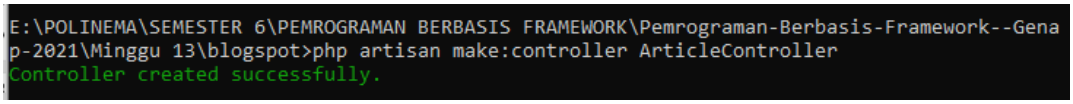
Nomor	Keterangan
1	Buka file **routes/web.php** dan silahkan modifikasi

```
<?php

use Illuminate\Support\Facades\Route;

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

2 Kemudian buka file **routes/api.php** dan modifikasi

```
<?php

use Illuminate\Support\Facades\Route;

Route::get('/articles', 'App\Http\Controllers\ArticleController@index'
);
Route::post('/article/store', 'App\Http\Controllers\ArticleController@
store');
Route::get('/article/edit/{id}', "App\Http\Controllers\ArticleControll
er@getArticle");
Route::get('/article/{id}', 'App\Http\Controllers\ArticleController@ge
tArticle');
```

```
Route::put('/article/{id}', 'App\Http\Controllers\ArticleController@update');
Route::delete('/article/delete/{id}', 'App\Http\Controllers\ArticleController@delete');
```

Buat Controller Article	
Nomor	**Keterangan**
1	Ketik command di bawah ini untuk membuat controller baru bernama **ArticleController**
	`php artisan make:controller ArticleController`
	
2	Sekarang buka file **ArticleController.php** yang terdapat di **app/Http/Controllers.** Kemudian ketik kode berikut ini

```
E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framework--Genap-2021\Minggu 13\blogspot>php artisan make:controller ArticleController
Controller created successfully.
```

```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([
          'judul' => 'required',
          'genre' => 'required',
          'tahun' => 'required',
          'score' => 'required',
          'deskripsi' => 'required',
        ]);

        $project = \App\Article::create([
          'judul' => $validatedData['judul'],
```

```
            'genre' => $validatedData['genre'],
            'tahun' => $validatedData['tahun'],
            'score' => $validatedData['score'],
            'deskripsi' => $validatedData['deskripsi'],
        ]);

        $msg = [
            'success' => true,
            'message' => 'Article created successfully!'
        ];

        return response()->json($msg);
    }

    public function getArticle($id) // for edit and show
    {
        $article = \App\Article::find($id);

        return $article->toJson();
    }

    public function update(Request $request, $id)
    {
        $validatedData = $request->validate([
            'judul' => 'required',
            'genre' => 'required',
            'tahun' => 'required',
            'score' => 'required',
            'deskripsi' => 'required',
        ]);

        $article = \App\Article::find($id);
        $article->judul = $validatedData['judul'];
        $article->genre = $validatedData['genre'];
        $article->tahun = $validatedData['tahun'];
        $article->score = $validatedData['score'];
        $article->deskripsi = $validatedData['deskripsi'];

        $article->save();

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

```
        return response()->json($msg);
    }

    public function delete($id)
    {
        $article = \App\Article::find($id);
        if(!empty($article)){
            $article->delete();
            $msg = [
                'success' => true,
                'message' => 'Article deleted successfully!'
            ];
            return response()->json($msg);
        } else {
            $msg = [
                'success' => false,
                'message' => 'Article deleted failed!'
            ];
            return response()->json($msg);
        }
    }
}
```

Install Package UI React, React Router Dom dan Sweat Alert	
Nomor	**Keterangan**
1	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`

```
E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framework--Gena
p-2021\Minggu 13\blogspot>composer require laravel/ui
Using version ^3.2 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 (v3.2.1)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 1 install, 0 updates, 0 removals
  - Downloading laravel/ui (v3.2.1)
  - Installing laravel/ui (v3.2.1): 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!
```

2	Kemudian install react js
	`php artisan ui react`

```
E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framework--Gena
p-2021\Minggu 13\blogspot>php artisan ui react
React scaffolding installed successfully.
Please run "npm install && npm run dev" to compile your fresh scaffolding.
```

3	Lalu install NodeJsnya

	`npm install`
	
	`npm run dev`

```
E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framework--Gena
p-2021\Minggu 13\blogspot>npm install
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: wan
ted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
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: wa
nted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

audited 1195 packages in 62.602s

97 packages are looking for funding
  run `npm fund` for details

found 34 moderate severity vulnerabilities
  run `npm audit fix` to fix them, or `npm audit` for details
```

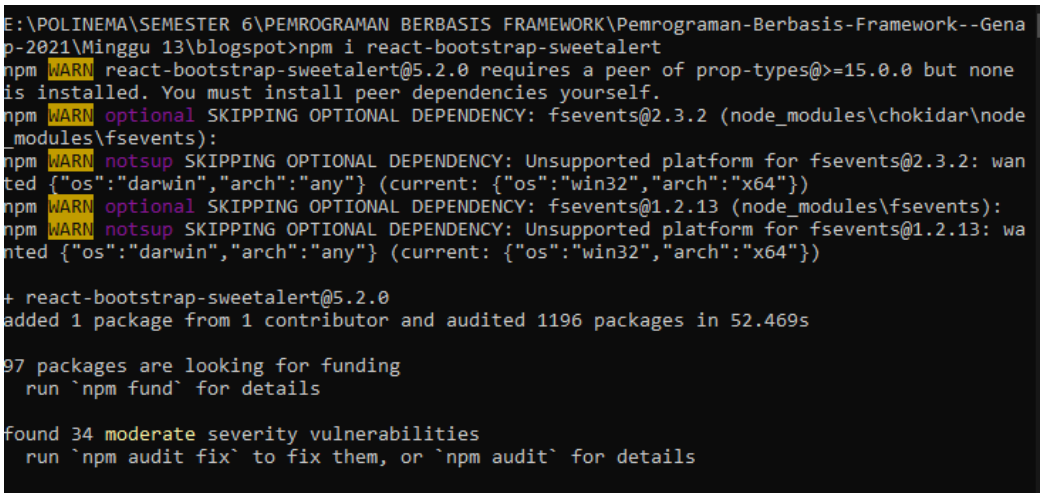
```
> @ dev E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framewo
rk--Genap-2021\Minggu 13\blogspot
> npm run development


> @ development E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis
-Framework--Genap-2021\Minggu 13\blogspot
> mix


* Mix [redacted] building (10%) 0/2 entries 4/4 dependencies 0/4 modules
4 active
 babel-loader » resources\js\components\Example.js

DEPRECATION WARNING: Using / for division is deprecated and will be removed in Dart Sass 2
.0.0.
```

4 Kemudian install react router dom nya

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

```
E:\POLINEMA\SEMESTER 6\PEMROGRAMAN BERBASIS FRAMEWORK\Pemrograman-Berbasis-Framework--Gena
p-2021\Minggu 13\blogspot>npm install react-router-dom
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: wan
ted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})
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: wa
nted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ react-router-dom@5.2.0
added 13 packages from 6 contributors and audited 1209 packages in 53.631s

97 packages are looking for funding
  run `npm fund` for details

found 34 moderate severity vulnerabilities
  run `npm audit fix` to fix them, or `npm audit` for details
```

5 dan terakhir sweat alertnya

	npm i react-bootstrap-sweetalert
	

Manejement CRUD React Js di Laravel 7

Nomor	Keterangan
1	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'

class App extends Component {
    render () {
        return (
            <BrowserRouter>
                <div>
                    <Header />
                    <Switch>
                    <Route exact path="/" component={ArticleIndex}/>
                     <Route exact path="/create" component={ArticleCrea
te} />
                     <Route path="/article/edit/:id" component={Article
Edit} />
                     <Route path="/article/:id" component={ArticleShow}
 />
                    </Switch>
```

```
                </div>
            </BrowserRouter>
        )
    }
}

ReactDOM.render(<App />, document.getElementById('app'))
```

2 Buat lagi file baru bernama **Header.js** dan simpan di direktori **resourses/js/components.**

```
import React from "react"
import { Link } from 'react-router-dom'

const Header = () => (
    <nav className="navbar navbar-dark bg-dark">
        <div className='container'>
            <Link className="navbar-brand" to="/">tugas laravel</Link>
        </div>
    </nav>
)

export default Header
```

3 Buat lagi file baru bernama **ArticleIndex.js** dan simpan di direktori **resourses/js/components.**

```
import axios from "axios"
import React, { Component } from "react"
import { Link } from 'react-router-dom'
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="Hapus Deh"
                cancelBtnText="Nggak Jadi"
                confirmBtnBsStyle="default"
                cancelBtnBsStyle="danger"
                title="Tunggu ..."
                onConfirm={() => this.deleteItem(id)}
                onCancel={() => this.hideAlert()}
                focusCancelBtn
                >
                Kalau udah dihapus, nggak bakal balik lagi.
            </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
        return (
          <div className='container py-4'>
            <div className='row justify-content-center'>
              <div className='col-md-8'>
                <div className="card">
                  <div className="card-header">All Article</div>
                  <div className="card-body">
                    <Link className='btn btn-primary btn-sm mb-
3' to="/create">
                      Create new article
                    </Link>
                    <div className="table-responsive">
                        <table className="table table-bordered table-
hover">
                            <thead>
                                <tr>
                                    <th width="50" className="text-
center">No</th>
                                    <th>judul</th>
                                    <th>genre</th>
                                    <th>tahun</th>
                                    <th>score</th>
```

```
                                    <th width="200" className="text-
center">deskripsi</th>
                                    <th>Aksi</th>
                                </tr>
                            </thead>
                            <tbody>
                                {articles.map((article, i) => (
                                <tr key={i}>
                                    <td width="50" className="text-
center">{i + 1}</td>
                                    <td>{article.judul}</td>
                                    <td>{article.genre}</td>
                                    <td>{article.tahun}</td>
                                    <td>{article.score}</td>
                                    <td>{article.deskripsi}</td>
                                    <td width="200" className="text-
center">
                                        <div className="btn-group">
                                        <Link
                                            className="btn btn-
primary'
                                            to={`/article/${article.id
}`}
                                            >Detail
                                        </Link>
                                        <Link
                                            className="btn btn-
success'
                                            to={`/article/edit/${artic
le.id}`}
                                            >Edit
                                        </Link>
                                        <button
                                            className="btn btn-danger'
                                             onClick={() => this.confir
mDelete(article.id)}
                                            >Delete
                                        </button>
                                        </div>
                                    </td>
                                </tr>
                                ))}
                            </tbody>
                        </table>
                        {this.state.alert}
```

```
                    </div>
                  </div>
                </div>
              </div>
            </div>
          )
    }
}

export default ArticleIndex
```

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

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

class ArticleCreate extends Component {

    constructor (props) {
        super(props)
        this.state = {
            judul: "",
            genre: "",
            tahun: "",
            score: "",
            deskripsi: "",
            alert: null,
            errors: []
        }
        this.handleFieldChange = this.handleFieldChange.bind(this)
        this.handleCreateNewArticle = this.handleCreateNewArticle.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!"
                onConfirm={() => this.onSuccess() }
                onCancel={this.hideAlert()}
                timeout={2000}
                confirmBtnText="Oke Siap"
                >
                Created article successfully
            </SweetAlert>
        );
        this.setState({
            alert: getAlert()
        });
    }

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

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

    handleCreateNewArticle (event) {
        event.preventDefault()
        const article = {
            judul: this.state.judul,
            genre: this.state.genre,
            tahun: this.state.tahun,
            score: this.state.score,
            deskripsi: this.state.deskripsi
        }
        axios.post('/api/article/store', article).then(response => {
            var msg = response.data.success;
            if(msg == true){
                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 () {
        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.handleCreateNewArticle}>
                      <div className='form-group'>
                        <label htmlFor="judul">judul</label>
                        <input
                          id="judul"
                          type="text"
                          className={`form-
control ${this.hasErrorFor('judul') ? 'is-invalid' : ''}`}
                          name="judul"
                          value={this.state.judul}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('judul')}
                      </div>
                      <div className='form-group'>
                        <label htmlFor="genre">genre</label>
                        <input
                          id="genre"
                          type="text"
                          className={`form-
control ${this.hasErrorFor('genre') ? 'is-invalid' : ''}`}
                          name="genre"
                          value={this.state.genre}
```

```
                onChange={this.handleFieldChange}
              />
              {this.renderErrorFor('genre')}
            </div>
            <div className='form-group'>
              <label htmlFor="tahun">tahun</label>
              <input
                id="tahun"
                type="text"
                className={`form-
control ${this.hasErrorFor('tahun') ? 'is-invalid' : ''}`}
                name="tahun"
                value={this.state.tahun}
                onChange={this.handleFieldChange}
              />
              {this.renderErrorFor('tahun')}
            </div>
            <div className='form-group'>
              <label htmlFor="title">score</label>
              <input
                id="score"
                type="text"
                className={`form-
control ${this.hasErrorFor('score') ? 'is-invalid' : ''}`}
                name="score"
                value={this.state.score}
                onChange={this.handleFieldChange}
              />
              {this.renderErrorFor('score')}
            </div>
            <div className='form-group'>
              <label htmlFor="deskripsi">deskripsi</label>
              <textarea
                id="deskripsi"
                className={`form-
control ${this.hasErrorFor("deskripsi") ? 'is-invalid' : ''}`}
                name="deskripsi"
                rows="10"
                value={this.state.deskripsi}
                onChange={this.handleFieldChange}
              />
              {this.renderErrorFor('deskripsi')}
            </div>
            <Link
              className='btn btn-secondary'
```

```
                        to={`/`}
                        >Back
                      </Link>
                      <button className='btn btn-
primary'>Create</button>
                      {this.state.alert}
                    </form>
                  </div>
                </div>
              </div>
            </div>
          )
      }
}
export default ArticleCreate
```

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

```
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 = {
            judul: '',
            genre: '',
            tahun: '',
            score: '',
            deskripsi: '',
          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 = {
        judul: this.state.judul,
        genre: this.state.genre,
        tahun: this.state.tahun,
        score: this.state.score,
        deskripsi: this.state.deskripsi
    }

    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="judul">judul</label>
                        <input
                          id="judul"
                          type="text"
                          className={`form-
control ${this.hasErrorFor('judul') ? 'is-invalid' : ''}`}
                          name="judul"
                          value={this.state.judul}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('judul')}
                      </div>
                      <div className='form-group'>
                        <label htmlFor="genre">genre</label>
                        <input
                          id="genre"
                          type="text"
                          className={`form-
control ${this.hasErrorFor('genre') ? 'is-invalid' : ''}`}
                          name="genre"
                          value={this.state.genre}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('genre')}
                      </div>
                      <div className='form-group'>
                        <label htmlFor="tahun">tahun</label>
                        <input
                          id="tahun"
                          type="text"
                          className={`form-
control ${this.hasErrorFor('tahun') ? 'is-invalid' : ''}`}
                          name="tahun"
                          value={this.state.tahun}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('tahun')}
                      </div>
                      <div className='form-group'>
```

```
                        <label htmlFor="title">score</label>
                        <input
                          id="score"
                          type="text"
                          className={`form-
control ${this.hasErrorFor('score') ? 'is-invalid' : ''}`}
                          name="score"
                          value={this.state.score}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('score')}
                      </div>
                      <div className='form-group'>
                        <label htmlFor="deskripsi">deskripsi</label>
                        <textarea
                          id="deskripsi"
                          className={`form-
control ${this.hasErrorFor("deskripsi") ? 'is-invalid' : ''}`}
                          name="deskripsi"
                          rows="10"
                          value={this.state.deskripsi}
                          onChange={this.handleFieldChange}
                        />
                        {this.renderErrorFor('deskripsi')}
                      </div>
                      <Link
                        className='btn btn-secondary'
                        to={`/`}
                        >Back
                       </Link>
                      <button className="btn btn-
primary'>Update</button>
                      {this.state.alert}
                    </form>
                  </div>
                </div>
              </div>
            </div>
          )
        }
      }
export default ArticleEdit
```

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

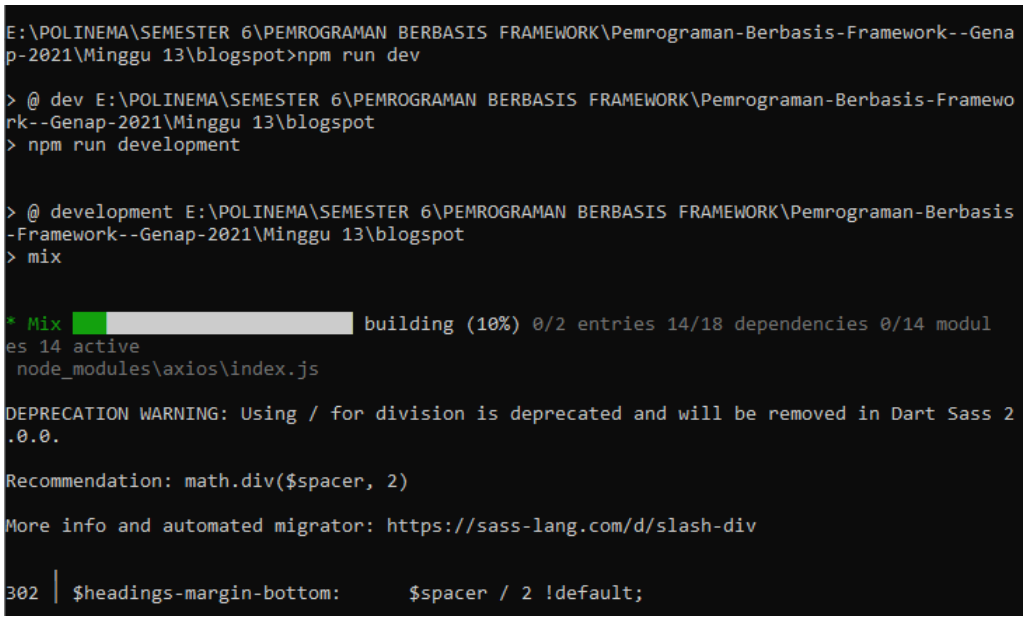
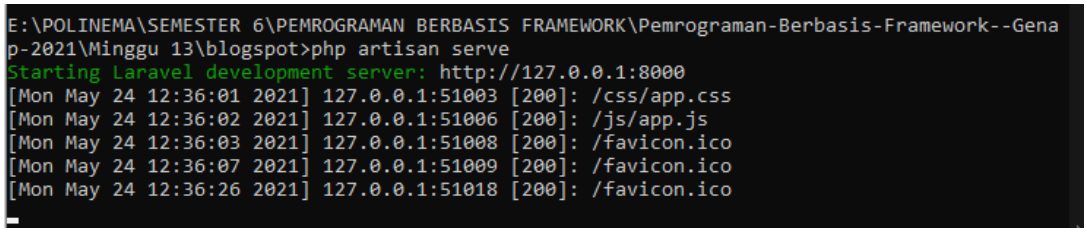
```
import axios from 'axios'
import React, { Component } from 'react'
import { Link } from 'react-router-dom'

    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'>
            <div className='row justify-content-center'>
              <div className='col-md-8'>
                <div className="card">
                  <div className="card-
header'>Judul: {article.judul}</div>
                  <div className="card-
header'>Genre: {article.genre}</div>
                  <div className="card-
header'>Tahun: {article.tahun}</div>
                  <div className="card-
header'>Score: {article.score}</div>
                  <div className="card-body">
                    <p>{article.deskripsi}</p>
                    <Link
                        className='btn btn-primary'
```

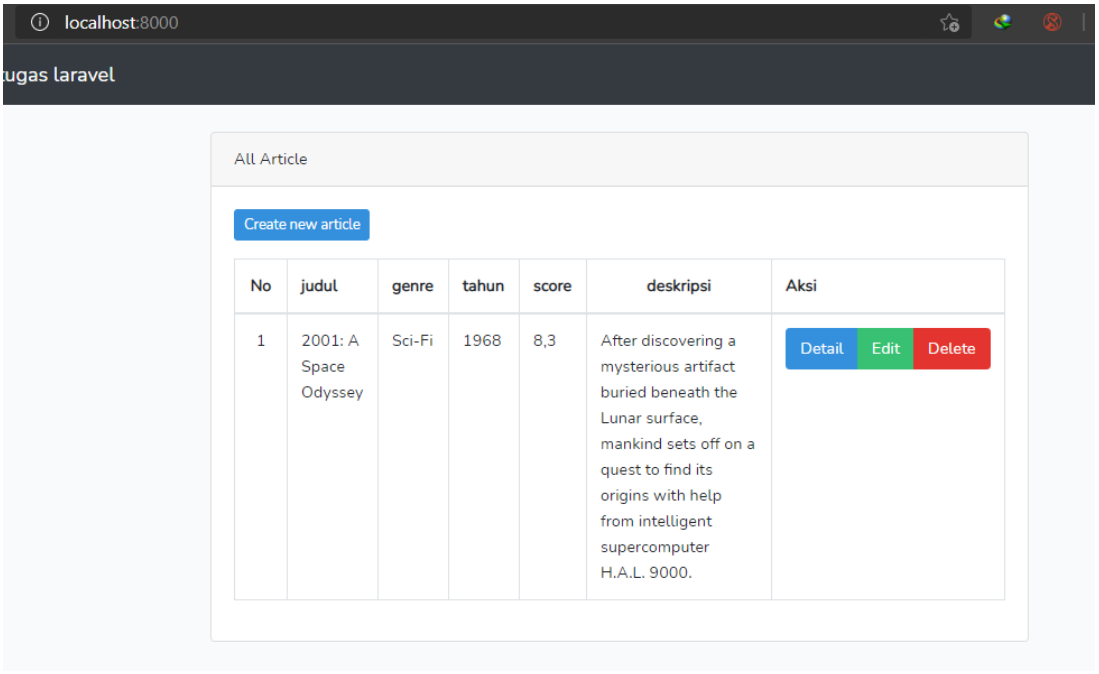
```
                        to={`/`}
                        >Back
                    </Link>
                </div>
            </div>
        </div>
    </div>
  )
 }
}

export default ArticleShow
```

Buat Halaman View	
Nomor	**Keterangan**
1	Buat file baru bernama **app.blade.php** dan simpan di direktori **resource/views.** Sekarang ketik kode berikut

```
<!DOCTYPE html>
<html lang="{{ app()->getLocale() }}">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1">

    <!-- CSRF Token -->
    <meta name="csrf-token" content="{{ csrf_token() }}">

    <title>React Laravel</title>

    <!-- Styles -->
    <link href="{{ asset('css/app.css') }}" rel="stylesheet">
</head>
<body>
    <div id="app"></div>

    <script src="{{ asset('js/app.js') }}"></script>
</body>
</html>
```

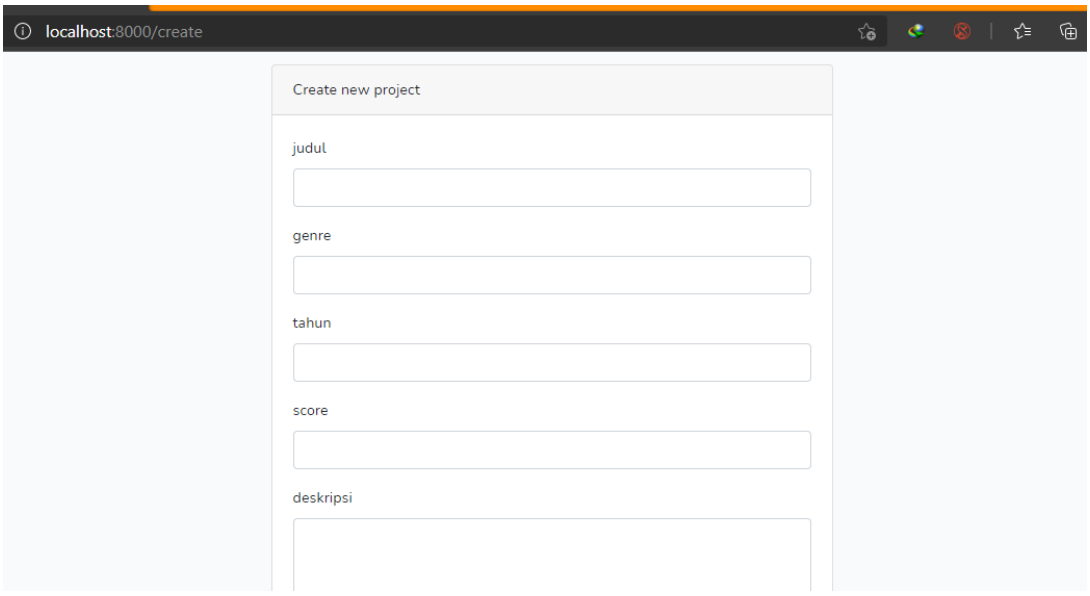
Edit app.js	
Nomor	**Keterangan**
1	Silahkan buka file **resources/js/app.js** kemudian cari kode berikut

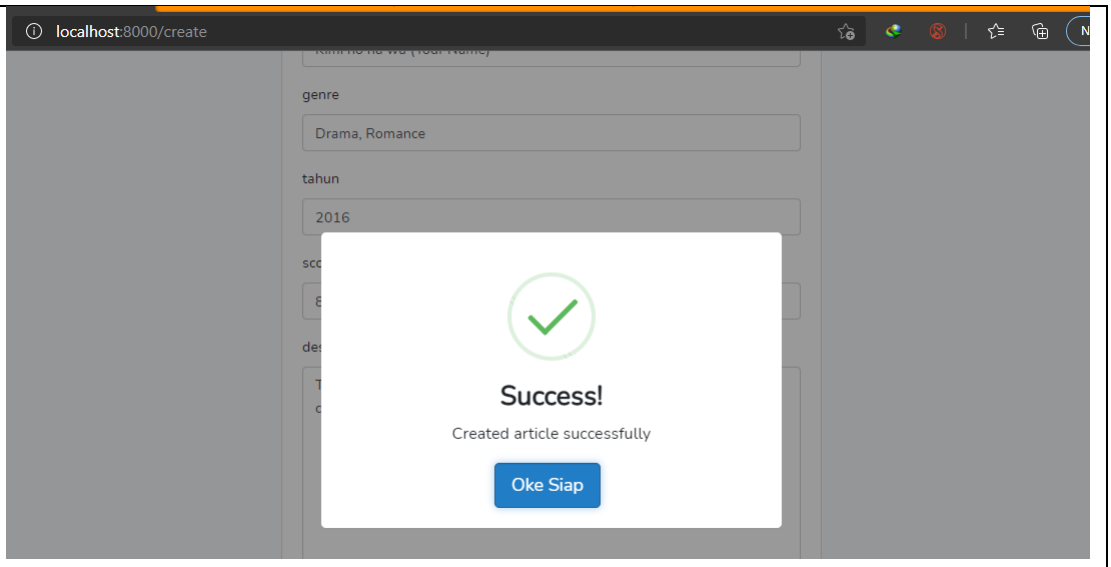
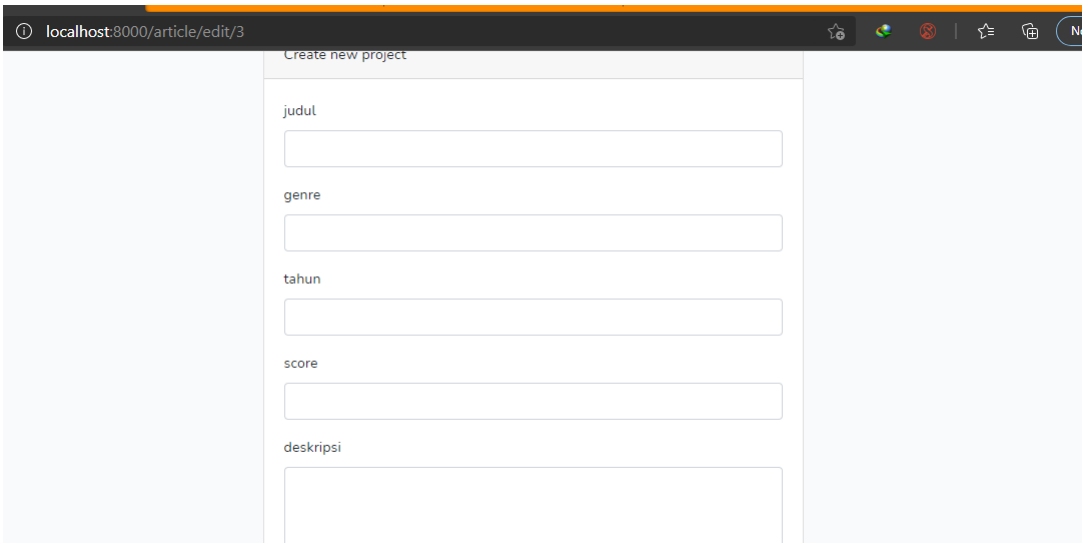
	`require("./components/Example");`
	Ubah menjadi kode berikut
	`require("./components/App");`
Testing CRUD Laravel 7 dan React Js	
Nomor	**Keterangan**
1	Ketik command berikut untuk menginstall perubahan yang terjadi
	`npm run dev`
	
2	Kemudian ketik command berikut
	`php artisan serve`
	
3	URL Halaman Index
	`localhost:8000`

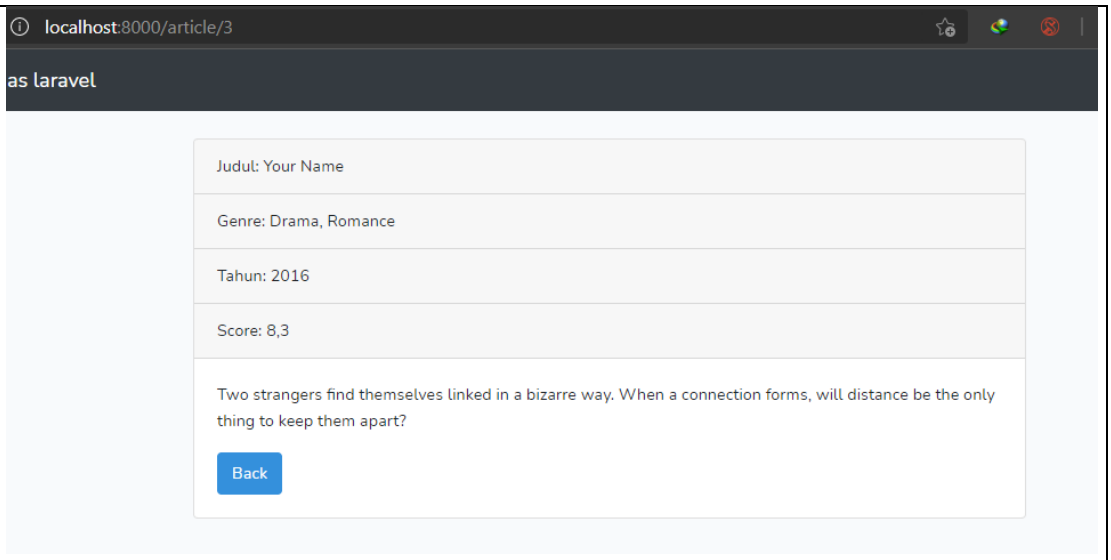
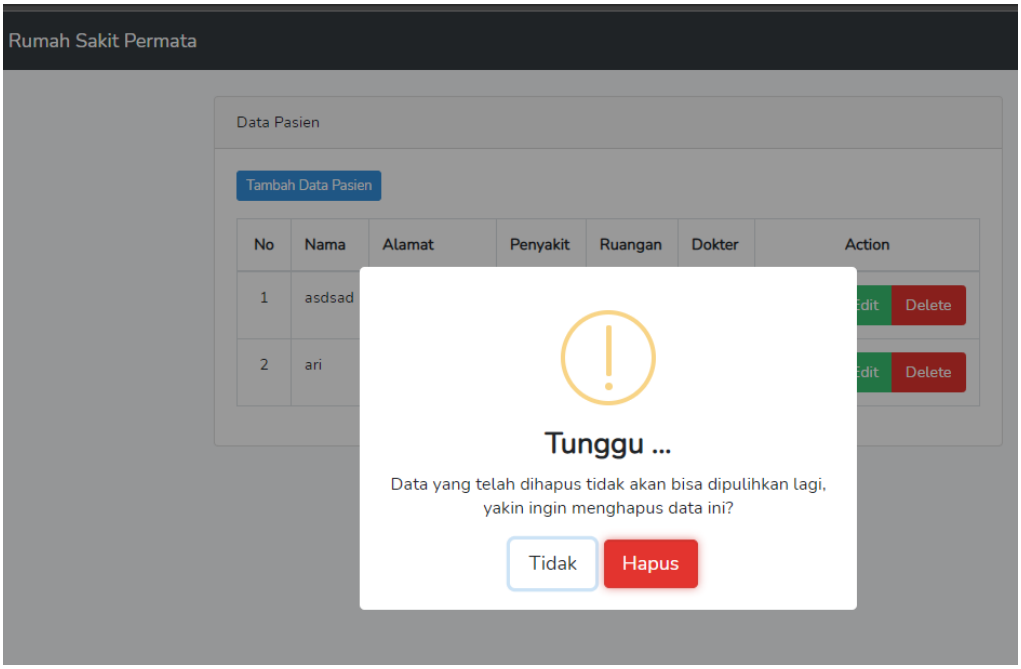


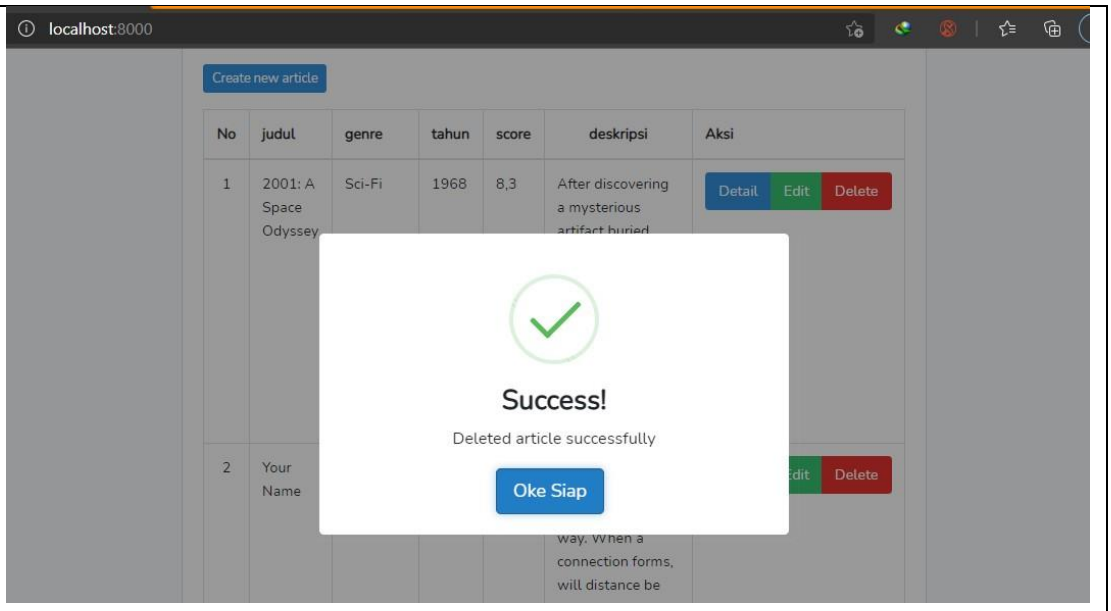
4 URL Halaman Create

`localhost:8000/create`



<table>
<tr><td></td><td> 
</td></tr>
<tr><td>5</td><td>URL Halaman Edit</td></tr>
<tr><td></td><td>localhost:8000/article/edit/{id}</td></tr>
<tr><td></td><td> 
</td></tr>
</table>

	
6	Hapus Artikel
	



--Alhamdulillah--