

POLITEKNIK NEGERI MALANG JURUSAN TEKNOLOGI INFORMASI

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Mata Kuliah : Pemrograman Mobile

Program Studi : D4 – Sistem Informasi Bisnis

Semester : 5

Kelas : SIB 3D

NIM : 2241760066

Nama : Adelia Syaharani Hermawan

Jobsheet Ke- : API laravel breeze

Laporan Jobsheet

Praktikum Ke-1

Langkah	Jawaban/Deskripsi
1	Step 1: Install Laravel
	First, create a new Laravel project using the Laravel installer or Composer.
	laravel new api-breeze
	# Or via Composer
	composer create-project laravel/laravel api-breeze
	cd api-breeze
	Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows PS D:\Adelia SIB 3D\Mobile> cd api-breeze PS D:\Adelia SIB 3D\Mobile\api-breeze> composer require laravel/breezedev Cannot use laravel/breeze's latest version v2.2.5 as it requires php ^8.2.0 which is not satisfied by your platform/composer.json has been updated Running composer update laravel/breeze Loading composer repositories with package information Updating dependencies Lock file operations: 112 installs, 0 updates, 0 removals - Locking brick/math (0.12.1) - Locking carbonphp/carbon-doctrine-types (2.1.0) - Locking dflydev/dot-access-data (v3.0.3)
2	Step 2: Install Laravel Breeze
	Next, install Laravel Breeze and its dependencies.
	composer require laravel/breezedev
	php artisan breeze:install api
	PS D:\Adelia SIB 3D\Mobile\api-breeze> php artisan breeze:install api
	INFO Breeze scaffolding installed successfully.



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3 Step 3: Configure the Database and Run Migrations

1. Update your .env file with your database credentials:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=laravel11_api
DB_USERNAME=root
DB_PASSWORD=
```

2. Run the migrations to set up your database tables:

php artisan migrate

4 Step 4: Create Authentication Endpoints

Laravel Breeze provides the necessary endpoints for registration, login, and logout. The routes are defined in routes/api.php.

5 Step 5: Update Controllers

Modify the RegisteredUserController and AuthenticatedSessionController



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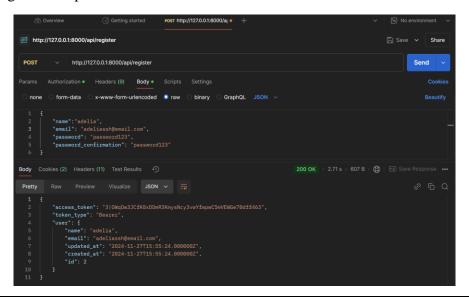
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6 Running artisan serve



7 Check Following API

Test Registrasi di postman



Test login



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Pembuatan Aplikasi Mobile Flutter





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5 Membuat file auth_service untuk controller authenthicate api saat login

6 **Membuat auth providers**

```
lib > providers > ♠ auth_provider.dart > ♠ AuthProvider > ♠ logout

import 'package:flutter/material.dart';

import '../models/user_model.dart';

import '../services/auth_service.dart';

class AuthProvider with ChangeNotifier {
 final AuthService _authService = AuthService();
 User? _user;

// Getter untuk mendapatkan user saat ini
 User? get user => _user;

/// Login dengan email dan password

future<bool> login(String email, String password) async {
 bool success = await _authService.login(email, password);
 if (success) {
  _user = await _authService.getProfile();
  notifyListeners();
 }
 return success;
}
```

7 Membuat login_screen

```
lib > screens > ① login_screendart > ...
1     import 'package:flutter/material.dart';
2     import 'package:provider/provider.dart';
3     import './providers/auth_provider.dart';
4
5     class LoginScreen extends StatelessWidget {
6         // Controller untuk input email dan password
7     final TextEditingController emailController = TextEditingController();
8     final TextEditingController passwordController = TextEditingController();
9     @override
1     Widget build(BuildContext context) {
12         final authProvider = Provider.of<AuthProvider>(context);
13
14         return Scaffold(
15         appBar: AppBar(title: const Text('Login')),
16         body: Padding(
17         padding: const EdgeInsets.all(16.0),
18         child: Column(
```



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8 Membuat profile_screen class ProfileScreen extends StatelessWidget { ${\tt Widget\ build(BuildContext\ context)\ \{}$ final authProvider = Provider.of<AuthProvider>(context); final user = authProvider.user; return Scaffold(appBar: AppBar(title: const Text('Profile'), IconButton(icon: const Icon(Icons.logout), 9 Hasil running Flutter App i localhost:64175/#/l.. Login adeliassh@email.com Password Login

Login failed!