

Requirements

- PHP 8.x or later
- Composer
- MySQL / MariaDB
- Laravel 10.x+
- Postman

Installation Steps

1. Clone the Project

```
git clone <your-repo-link>  
cd cms-api
```

2. Install Dependencies

```
composer install
```

3. Setup .env File

```
cp .env.example .env
```

Edit .env file for your Database credentials:

```
DB_CONNECTION=mysql  
DB_HOST=127.0.0.1  
DB_PORT=3306  
DB_DATABASE=your_database_name  
DB_USERNAME=your_db_username  
DB_PASSWORD=your_db_password
```

4. Generate Application Key

```
php artisan key:generate
```

5. Run Migrations & Seeders

`php artisan migrate:fresh --seed`

Seeded User Credentials:

Email: test@example.com

Password: password

6. Serve the Project

`php artisan serve`

API is now running at: `http://127.0.0.1:8000`

Authentication Flow (Sanctum Token-Based)

1. Login to get a Token
2. Use Authorization: Bearer <token> in Postman for all protected requests

Postman API Testing Steps

1. POST /api/login — Get Token
2. Use Token for:
 - GET /api/user
 - POST /api/pages
 - GET /api/pages
 - GET /api/pages/{id}
 - PUT /api/pages/{id}
 - DELETE /api/pages/{id}
3. POST /api/logout — Invalidate Token