

Laravel Backend Mini Project Task

Objective

Build a Laravel backend application with REST APIs, authentication, and third-party API integration.

Estimated Time

3–4 hours

1. Authentication

- 1 User Registration API
- 2 User Login API
- 3 Logout API
- 4 Protected routes using middleware

Endpoints: `/api/register`, `/api/login`, `/api/logout`

2. REST API (Task Management)

- 1 Fields: `id`, `title`, `description`, `status`, `user_id`
- 2 CRUD operations for tasks
- 3 Only authenticated users can access
- 4 Users should see only their own tasks

Endpoints: `/api/tasks` (GET, POST), `/api/tasks/{id}` (GET, PUT, DELETE)

3. Third-Party API Integration

Integrate a public API like JSONPlaceholder.

Endpoint: `/api/external/posts`

Fetch and return formatted response.

Bonus (Optional)

- 1 Pagination
- 2 Validation

- 3 API Resource formatting

Deliverables

- 1 GitHub repository
- 2 Postman collection
- 3 .env.example file

Evaluation Criteria

- 1 Code structure
- 2 Authentication implementation
- 3 API response format
- 4 Error handling