

Project Management System (PMS) Backend API Documentation

Base URL: <http://localhost:8080/api>

Authentication: All secured endpoints require: Authorization: Bearer

1. Authentication APIs

POST /auth/login Request: { "email": "user@test.com", "password": "password" }

Response: { "token": "" }

POST /auth/register Request: { "name": "User Name", "email": "user@test.com", "password": "password", "role": "TEAM_MEMBER" }

2. User APIs

GET /users/{userId} GET /users

3. Project APIs

POST /projects { "name": "Project Name", "leaderId": "leader-uuid" }

POST /projects/{projectId}/members/{userId} DELETE /projects/{projectId}/members/{userId} GET /projects/{projectId}

4. Task APIs

POST /projects/{projectId}/tasks { "title": "Task title", "description": "Task description", "priority": "HIGH" }

POST /tasks/{taskId}/assign/{userId} PATCH /tasks/{taskId}/status { "status": "IN_PROGRESS" }

GET /projects/{projectId}/tasks

5. Issue APIs

POST /projects/{projectId}/issues { "title": "Bug title", "description": "Bug description", "type": "BUG", "priority": "HIGH" }

POST /projects/{projectId}/issues/{issueId}/assign/{userId} PATCH /projects/{projectId}/issues/{issueId}/status { "status": "IN_PROGRESS" }

GET /projects/{projectId}/issues

6. Comment APIs

POST /tasks/{taskId}/comments { "content": "Task comment" }

GET /tasks/{taskId}/comments

POST /issues/{issueId}/comments { "content": "Issue comment" }

GET /issues/{issueId}/comments

7. Error Format

{ "timestamp": "...", "status": 400, "error": "Bad Request", "message": "Error message" }