

## **Simple Project Management System**

The goal of this task is to create a simple project management system based on Laravel and Filament (<https://filamentphp.com>). The system should allow:

- Creating, editing, and deleting projects
- Creating, editing, and deleting tasks within projects
- Assigning tasks to users
- Setting task statuses (e.g., "To Do", "In Progress", "Completed")

### **Project Fields:**

- Name
- Description
- Start Date
- End Date (optional)

### **Task Fields:**

- Name
- Description
- Start Date
- End Date (optional)
- Status
- Assigned User (optional)

The system should allow filtering and sorting of projects and tasks by name, start date, end date, and status.

It should use a database (any – SQLite, MySQL, PostgreSQL) to store project and task information and include database migrations.

The completed task should be submitted on GitHub, and a link to the repository should be sent via email.