

Open Source Group Project Plan

Project Description

Project: Student Directory Web App

This is a simple open-source student directory web application that allows users to add, display, search, and sort student information such as name, registration number, department, and GPA.

How the Project Works:

Each member will build a part of the project. You will fork the main repository, create your feature in your assigned branch, and send a Pull Request (PR) for review. After approval, your code will be merged into the main project.

Team Roles and Responsibilities

Reg Number	Assigned Task
NAS/STE/21/1065	Create the HTML form to add student details
NAS/STE/21/1066	Create the HTML table to display the list of students
NAS/STE/21/1068	Write CSS styles for the form and table layout
NAS/STE/21/1069	Write JavaScript to store student data when the form is submitted
NAS/STE/21/1070	Write JavaScript to display student data in the table
NAS/STE/21/1071	Implement a search bar to search students by name
NAS/STE/21/1072	Add filter to display students by department
NAS/STE/21/1073	Add form validation to ensure all fields are filled correctly
NAS/STE/21/1074	(Optional) Add GPA calculation or processing logic
NAS/STE/21/1076	(Optional) Add image upload for student photos
NAS/STE/21/1078	Enable sorting the table by GPA
NAS/STE/21/1080	Make sure the UI is mobile-friendly and responsive
NAS/STE/21/1081	Test and fix any bugs in the JavaScript functionality

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NAS/STE/21/1082	Write a clear README.md for the project
NAS/STE/21/1083	Add LICENSE file and a short open-source contribution guide
NAS/STE/20/1131	Do final code cleanup and review for consistency

Workflow & Notes

How to Work:

1. Fork the GitHub repo shared by the group
2. Clone it to your system
3. Create a branch using this format: feature/your-task-your-reg-number
Example: feature/add-form-NAS-1065
4. Work on your assigned task
5. Push changes and send a Pull Request
6. Wait for the group lead to review and merge

Notes:

- Make sure your code is clean and commented
- Don't modify other people's code without permission
- Ask questions in the group if you are confused
- Collaborate and finish before the deadline