Campus Agile

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Table of Contents

[Summary 3](#_Toc144148233)

[Project Description 3](#_Toc144148234)

[Objective 3](#_Toc144148235)

[Features 3](#_Toc144148236)

[Technologies and Tools 4](#_Toc144148237)

# Summary

CampusAgile is a proposed project aimed at developing a comprehensive project management and collaboration tool tailored specifically for educational institutions. Inspired by Jira's success in the software industry, CampusAgile seeks to provide educational organizations with a user-friendly platform to manage projects, assignments, and collaborative tasks efficiently. This tool will enable students, teachers, and administrators to streamline their workflows, track progress, and enhance overall productivity within the campus environment.

# Project Description

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## Objective

The primary objective of CampusAgile is to create a robust and user-friendly project management tool for educational institutions that facilitates effective task management, collaboration, and progress tracking. The platform will empower users to:

* Create and assign tasks, projects, and assignments to individuals or teams.
* Monitor task progress, set deadlines, and receive notifications.
* Collaborate through integrated discussion boards and comments.
* Generate customizable reports and analytics for tracking performance.
* Provide transparency and accountability across campus projects.
* Enhance communication between students, teachers, and administrators.

## Features

CampusAgile will include a range of features, such as:

* **Project Creation and Management:** Users can create projects, define tasks, set priorities, and assign responsibilities.
* **Task Tracking and Monitoring:** Real-time tracking of task progress, status updates, and notifications.
* **Collaboration Tools:** Integrated discussion boards and commenting features to foster collaboration.
* **Customizable Workflows:** Tailored task workflows to match the specific needs of educational projects.
* **Deadline Management:** Automated reminders and notifications for approaching deadlines.
* **Analytics and Reporting:** Generate performance reports, task completion trends, and overall project insights.
* **User Roles and Permissions:** Different user roles (student, teacher, administrator) with appropriate access controls.
* **Integration Capabilities:** Integration with popular communication and productivity tools.

# Technologies and Tools

The project will be developed using modern web technologies, including but not limited to:

* Frontend: React.js, HTML5, CSS3
* Backend: Node.js, Express.js
* Database: PostgreSQL
* Version Control: Git, GitHub