

Campus Maintenance Management App

TEAM LEAD

TEAM
MEMBERS

GUIDE

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Introduction

- Developing a mobile app to streamline plumbing and electrical complaints handling in college campuses.
- Current inefficiencies in manual complaint processes lead to delays and miscommunication.

Goals and Objectives

- Develop a user-friendly facilities management app to streamline plumbing and electrical complaint processes.
- Develop an intuitive mobile app with robust authentication, real-time communication, and efficient task assignment.
- Improve response time, enhance communication, and increase transparency in handling facility-related issues.

Scope

- Focus on plumbing and electrical complaints within college premises.
- Features of the app: User-friendly interface, complaint tracking, real-time updates, and notification system.

Methodology

- Approach: Agile development methodology with iterative cycles.
- Methods: User-centred design, robust backend development, and continuous testing.
- Tools and Technologies: Mobile app development frameworks --Flutter, relational database management systems.

Estimated Project Timeline

- Gantt chart displaying key milestones and deadlines.
- Highlighting major phases and their respective timeframes.
- Emphasis on adherence to the timeline for successful project completion.


Work Breakdown Structure

- Visual representation of project tasks and their hierarchy.
- Division of responsibilities among team members.
- Allocation of resources for each task.

Progress Report

- Current status of the project.
- Accomplishments and milestones achieved.
- Any deviations from the initial plan and their resolutions.

Demonstration



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Challenges and Solutions

- Challenge: Ensuring data security and privacy
- Solution: Implementing encryption protocols and secure authentication mechanisms

Conclusion

- Developed an innovative solution to address inefficiencies in campus maintenance handling.
- Future enhancements: Integration with campus management systems, scalability to other institutions.



THANK YOU!