Facilities Management App for college

THE PROBLEM

Colleges struggle with managing plumbing and electrical complaints effectively. The present manual processes lead to delays, miscommunication, and lack of transparency. This can result in inconvenience for the college community and may even pose safety risks if not addressed promptly.

PROPOSED SOLUTION

*Developing a mobile app to focus on plumbing and electrical complaints within college premises.

*Features of the app: Userfriendly interface, complaint tracking, real-time updates, and notification system.

CHALENGES FACED

mechanisms

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

TECHNICAL AREAS OF THE PROBLEM

- User Authentication and Authorization
- Mobile App Development
- Database Management
- Real-time
 Communication
- Task Assignment Algorithm

OBJECTIVES AND GOALS

Develop a user-friendly facilities management app to streamline plumbing and electrical complaint process.

Develop an intuitive mobile app with robust authentication, real-time communication, and efficient task assignment.

TECHNOLOGY USED

• Flutter SDK

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- Dart Programming Language
- Visual Studio Code (VSCode)
- Database sqflite
- UI/UX Figma

TEAM MEMBERS

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