

SIH 2023 Abstract

Team Name: Team wrenchD

Team ID: S086

PS ID: SIH1341

Problem Statement: PG dissertation Management System

Idea Description:-

We are planning to devise a web platform with app counterpart which will be a one-stop solution to ease the process of PG dissertations and improve the quality of research. Researchers can propose topics, Guides can provide approvals and help, and University accepts the papers after all checkpoints seamlessly. A maintained database ensuring easy access to dissertations, categorized by universities, topics and departments with filtering and search feature. Universities can tailor dissertation evaluations for Guides based on their specific criteria enabling a dynamic academic environment also ensuring a secure and user-friendly experience. Approval and Progress Tracking Module which are operated by University and students respectively keeps everyone in the loop. Universities can customize their dissertation evaluation processes to align with their unique requirements, providing flexibility in academic assessments. Timely notifications and robust security measures safeguard academic data. All in all we would make the process of PG Dissertation easy and revolutionize this sector.

Major Features:-

- Separate user management for Researchers, Guides & University
- Analytical Dashboard System for Monitoring research progress
- Plagiarism Identifier
- Publication module for dissertations
- Customizable Evaluation Tool for University
- Community for PG students and guides for effective guidance.
- A Centralized Database for dissertations in various categories
- Notifications and Alerts for Deadlines & Updates
- Dissertation Management module
- User Friendly Interface

Tech Stack:-

- Frontend – {HTML, CSS, JS, ReactJS}
- Server – {Django, NodeJS}
- Database – {MariaDB}
- App – {Java, Flutter, FireBase}

Team Members:-

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