

Thesis/Project Management System

Capstone 1 project
Prototype Demonstration

Team Members

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About the web Application

Project Name: Thesis Management System

Purpose: To simplify and streamline the entire thesis/project process for students, supervisors, and administrators.

Core Idea: Provide a centralized platform where students can choose topics, submit assignments, get feedback; supervisors can track and evaluate; and admins can manage users and deadlines.

Users Involved

- Students
- Supervisors
- Admins

Technology Stack

- Frontend: HTML, CSS, Bootstrap
- Backend: Python (Django)
- Database: MySQL
- Design Tools: Figma (for mockups and prototypes)



Problems the system solves

Simplifies Project Selection for Students

Students can easily view and choose from available project topics without manual communication.

Streamlined Admin Control


Supervisors can manage student requests, monitor progress, and give feedback—all in one place.

Streamlined Admin Control

Admins can create users, define assignment schedules, and manage the entire process efficiently. and market dominance.

Improved Tracking and Communication

Built-in notifications, assignment deadlines, and status updates keep everyone informed and on track.



Roles of admin

Create Users (Students and Supervisors)

Create the deadlines

Create assessment schema in the project

Sets marking criteria



Roles of Students

Select the project

Apply for the project

Complete the assessments

Submit the project

Wait for the feedbacks



Roles of Supervisor

Approve or reject project applications

Review assessments

Provide feedbacks

Grade the project



Prototype Demonstration

<https://www.figma.com/proto/MdXPYFKFAhSW1i9rxf1SXL/capstone-mockups?node-id=25-26628&t=PQGCDok7TNWJB1UZ-0&scaling=min-zoom&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=25%3A18922&hide-ui=1>

Future Upgrades

Chat with supervisors

Turnitin integration

Google calendar integration

Mobile application



Conclusion

- The Thesis Management System provides a structured and efficient way to handle the entire thesis workflow.
- It reduces confusion for students by allowing easy topic selection and assignment tracking.
- Supervisors can manage multiple students and projects from a single platform.
- Admins can control user roles, set deadlines, and manage assignment schemas easily.
- Overall, the system improves communication, saves time, and increases productivity for all users involved.