VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

A MINI PROJECT REPORT ON

MENTOR-MENTEE APP

Submitted By

Deeksha R H	4AL21CS034
Deeksha Shet	4AL21CS035
Deepak D R	4AL21CS036
Deepak T S	4AL21CS037

Under the Guidance of
Mrs. Deeksha M
Sr. Assistant Professor

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DEPARTMENT OF COMPUTERSCIENCE & ENGINEERING

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

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CERTIFICATE

This is to certify that, the Mini Project entitled **"Mentor-Mentee App"** for the subject **Mini Project** with subject code **21CSMP67** has been successfully completed and report submitted by **Deeksha R H (4AL21CS034)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored __95__ Marks out of 100 and deposited in the departmental library.

Mrs. Deeksha M

Sr. Assistant Professor

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Mrs. Deeksha M

Sr. Assistant Professor

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Mrs. Deeksha M

Sr. Assistant Professor

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Mrs. Deeksha M

Sr. Assistant Professor

ABSTRACT

The Mentor-Mentee application serves as an interactive platform designed to facilitate seamless communication and data management between mentors and students. Users can sign up and log in to the application by providing their credentials and selecting their roles—Mentor or Student. Passwords are securely hashed using SHA-256, ensuring robust protection of user credentials. Upon successful login, users are directed to role-specific functionalities, enhancing the overall user experience with secure access and data integrity.

For students, the application provides a comprehensive form to submit and update their personal and academic details, including test marks, certifications, projects, and academic issues. Students can manage their test marks dynamically by adding or removing subjects. This information is stored in an SQLite database, and students can view feedback from their mentors. The feedback is retrieved and displayed based on the student's username, facilitating effective tracking of academic progress.

Mentors, on the other hand, have access to additional functionalities such as viewing detailed student information, providing feedback, and removing students from the system. Feedback provided by mentors is stored in the database and linked to the respective students, ensuring a structured and organized approach to performance evaluation. The application's user-friendly interface, coupled with robust session management and secure database integration, makes it an effective tool for managing mentor-student interactions and academic records.