

Assignment-1

Aim: To write the functional requirements of the case study.

User Authentication and Authorization:

Users (students, mentors, administrators) must be able to create accounts, log in securely, and have roles-based access to specific functionalities.

A forgot password mechanism should allow users to reset their passwords securely.

User Profiles:

Each user should have a profile that includes relevant information such as name, contact details, academic program, mentorship history, etc.

Mentor-Student Matchmaking:

The system should facilitate the pairing of mentors and students based on academic interests, goals, and availability.

Course Management:

Mentors should be able to create, update, and manage courses.

Students should be able to enroll in available courses.

Assignment Submission and Feedback:

Students must be able to submit assignments through the platform.

Mentors should have the ability to provide feedback on submitted assignments.

Administrative Dashboard:

Administrators should have access to a dashboard for overseeing system activities, managing users, and monitoring overall platform performance.

Communication Tools:

A messaging or communication system should allow mentors and students to interact within the platform.

Announcements and notifications should be sent to users for important updates.

Learning Resources:

The platform should provide access to educational materials, resources, and links relevant to courses and mentorship.

Community Forums:

A community forum or discussion board should be available for users to engage in knowledge-sharing, discussions, and collaborative learning.

Technical Support:

Users should have access to a support system, such as a ticketing system or chat support, for technical assistance.