2024 (EVEN SEMESTER)

Project 1 The Mentor Mentee Web Application:

Develop a web application that includes the following features:

1. A login interface.
2. A sign-up form.
3. An admin panel (for mentors)

These interfaces should be accessible to the public and linked to a database. If a user attempts to log in but does not have an account, there must be a prompt to create one. Additionally, incorporate an admin panel that displays a table of registered user information.

The project will be assessed based on the following criteria:

- The professional and aesthetic appeal of the design.
- Communication abilities.
- Technical proficiency.
- Overall demeanour.

The evaluation will take place over three days, and attendance is compulsory on all days: **April 23, April 24, April 25 and April 26.**

Tap/click here to know about the form fields

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Project 2 Question Paper Tracker

Develop a question paper tracking system for a university. The system should allow the Head of the Department (HOD), the Exam Coordinator, and the Subject Faculty to track whether the question paper for a particular subject has been submitted or not. The system should be developed using MongoDB, Express, and Node.js.

Requirements:

1. The system should have separate login interfaces for the HOD, the Exam Coordinator, and the Subject Faculty.
2. The HOD should be able to:
    a. View a list of all subjects.
    b. Assign a faculty member to prepare the question paper for a subject.
3. The Exam Coordinator should be able to:
    c. View a list of all subjects and their corresponding faculty members assigned to prepare the question paper.
    d. Mark a subject as 'Question Paper Received' once the question paper is received from the faculty member.
4. The Subject Faculty should be able to:

e. Log in and view the subjects they are assigned to prepare the question paper for.
f. Upload the question paper for a subject.

5. As soon as the Subject Faculty uploads the question paper, the system should automatically mark the subject as 'Question Paper Submitted'.
6. All users should be able to see the status of each subject (Submitted/Received).
7. The system should store the following information:
    g. Subject Name
    h. Faculty Member assigned to prepare the question paper
    i. Status (Submitted/Received)

Note:
You can use any additional libraries or frameworks as needed for the implementation.