

TY B.Tech. (CSE) – II [2024-25]

6CS371 : Advanced Database System Lab.

Assignment No. 4

Design and implement web-based application for managing online multiple-choice (MCQ) exam. The system should support distributed contribution of questions by teaching assistants, editing of the questions by whoever is in-charge of the course and creation of tests from the available set of questions. It should be able to administer the tests online, either at a fixed time for all students or at any time but with a time limit from start to finish and give students feedback on their scores at the end of the allotted time.

Technology stack : Angular 19 / NodeJS, MySQL , for look and feel UI : use Tailwind CSS and / or any standard free tailwind based website template

Requirement Specifications :

1. User management at different levels (Teachers / students)
2. Question Bank Entry form with provision of accepting images / mathematical expressions
3. Generic report generation : Should able to display/list any data.
4. Dashboard containing how many students have appeared for exam , their status – ongoing, terminated, completed etc.

Note : Follow the submission guidelines.

Deadline : 09/02/2025

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