

GUI for Question Bank Management

Project Name: GUI for Question Bank Management

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Interns Required: 3

Abstract:

The aim is to create a GUI for Question Bank Management. The GUI must have the following features (may be revised in future):

1. Revision history of question
2. Difficulty level of questions
3. Converting question text to image
4. Adding diagrams to questions
5. Adding questions with choices
6. Account management
7. Equation box (latex to image)
8. Managing access rights
9. Adding difficulty level tags and category tags
10. Navigating questions
11. Tagging diagrams
12. Expected solving time - Manually entering the solving time

Task List:

Task No.	Task	Deadline
1	Freezing the SRS (Software Requirements Specification)	3 Days
2	Set up and study Laravel and Database Management	4 Days
3	Schema Development (Rough draft)	1 Day
4	Basic GUI development	3 Days
5	Account management (including access management)	3 Days
6	Adding features like adding/editing/reviewing question, tag suggestion, adding equations, diagrams, text to image conversion etc.	8 Days
7	Testing and Debugging	4 Days
8	Documentation	4 Days

Prerequisite: Experience with Linux, Databases and Web Programming

Hardware Required:

NA

Deliverables:

1. Question Bank Management System with all the specified features.
2. Documentation (Developer manual) and relevant user manual

Acceptance Criterion:

1. The system should pass alpha testing.
2. A comprehensive developer and user manual must be available.

Note: Project will be considered successful only after all deliverables are met and all acceptance criteria are met.

Software Required:

Linux OS, Laravel, MySQL, LaTeX