

Creating a website using the basic and advanced concept of JavaScript and jQuery

Project Overview

Project Date: 3rd February 2025 TO 22nd March 2025

This document provides a detailed outline of tasks for each phase of the project. Students are expected to complete all tasks within the specified phases.

Interactive Quiz Application

Description:

A web-based quiz platform where users can take quizzes, answer multiple-choice questions, and receive scores instantly. It will feature real-time feedback and question navigation.

Core Features:

- **Question Bank:** Store and retrieve quiz questions using JS arrays/objects.
- **Real-time Scoring:** Provide instant feedback on answers.
- **Timer-Based Quizzes:** Add countdown timer functionality.
- **Validation:** Prevent empty submissions with form validation.
- **Navigation:** Next/previous question navigation.
- **Progress Tracking:** Track and display user progress dynamically.
- **UI Enhancements:** jQuery animations and transitions.

Weekly Breakdown:

Week	Dates	Tasks
Week 1	3 rd Feb-25 to 8 th Feb-25	- UI design and project structure setup
Week 2	10 th Feb-25 to 15 th Feb-25	- Implementing question navigation with JS events
Week 3	17 th Feb-25 to 22 nd Feb-25	- Storing questions and answers using JS arrays/objects
Week 4	24 th Feb-25 to 01 st March-25	- Implementing validation and scoring logic
Week 5	03 th March-25 to 08 th March-25	- Adding jQuery-based transitions and effects
Week 6	10 th March-25 to 15 th March-25	- Data persistence using local storage
Week 7	17 th March-25 to 22 nd March-25	- Code refactoring and performance optimization - Testing and final deployment