

User Requirement Document

Project Overview

"Examine" is an online examination system designed to streamline the process of conducting assessments. It allows users to take exams online in a secure and efficient manner. The system provides an intuitive interface for both candidates and administrators, ensuring a seamless examination experience.

Project Objectives

1. Provide a secure and user-friendly platform for online examinations.
2. Ensure the accuracy and efficiency of the examination process.
3. Enable easy management of examination content and user profiles.
4. Deliver quick and reliable results to candidates.
5. Enhance the scalability to accommodate a growing number of users.

Key Features

User (Examinee) Features

1. **Login System:**
 - Secure login with user ID and password provided during registration.
 - Password recovery option.
2. **Profile Management:**
 - View and update personal information.
 - Display profile details on the dashboard.
3. **Examination Interface:**
 - Display exam instructions and start button.
 - Show timer for the exam duration.
 - Navigation between questions.
 - Ability to mark questions for review.
 - Option to change answers within the exam time limit.
4. **Answer Submission:**
 - Save answers in real-time to prevent data loss.
 - Final submission of answers before time expires.
 - Confirmation prompt before final submission.
5. **Result Display:**
 - Immediate display of results after exam completion (if applicable).
 - Detailed breakdown of scores per section.
6. **Logout:**
 - Secure logout option after exam completion.

Administrator Features

1. **Admin Login:**

- Secure admin login with ID and password.
- 2. **Dashboard:**
 - Overview of system usage and upcoming exams.
- 3. **User Management:**
 - Add, update, delete user profiles.
 - Reset user passwords.
- 4. **Question Management:**
 - Add, update, delete exam topics.
 - Add, update, delete questions for each topic.
 - Support for multiple question types (multiple-choice, true/false, short answer).
- 5. **Examination Management:**
 - Schedule exams with specific start and end times.
 - Assign exams to user groups.
 - Monitor ongoing exams.
- 6. **Result Management:**
 - Access and review detailed results of all users.
 - Generate and export reports in various formats.
- 7. **System Configuration:**
 - Manage system settings and preferences.
 - Update security settings and access controls.

Technical Requirements

Front-End Technologies

- **HTML:** For creating and structuring web pages.
- **CSS:** For designing the layout and appearance of the web pages.
- **Bootstrap:** For ensuring responsive and mobile-friendly design.
- **JavaScript:** For client-side scripting and dynamic content.

Back-End Technologies

- **PHP:** For server-side scripting and dynamic page generation.
- **MySQL:** For database management and storage of user and examination data.

Software Requirements

- **WAMP/XAMPP/MAMP/LAMP Server:** Local server setup for development and testing.
- **phpMyAdmin:** For managing MySQL databases.