



SYNOPSIS

ON

Online Quiz Website

Submitted By:

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Submitted To:

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T&D

Title of the project:

Online Quiz Website

Objective:

The objective and scope of my Project Online Quiz System is to record the details various activities of user. It will simplify the task and reduce the paper work. During implementation every user will be given appropriate training to suit their specific needs. Specific support will also be provided at key points with in the academic calendar. Training will be provided on a timely basis" and you will be trained as the new is Online Quiz System rolled out to your area of responsibility. #t the moment we are in the very early states" so it is difficult to put a specific time on the training" but we will keep people informed as plans are developed. The system is very user friendly and it is anticipated that functions of the system will be easily accessed by administrators" academics" students and applicants.

Scope:

The aim of this project is to computerized the existing manual system and help the examiners to save their valuable time and important data. Apart from this, data which are exist in this system, will exist for long period of time and will be easy accessible. This project helps the examiners to manage their services in a good way and provide a better service to their users. The objective of this project is to manage the details of students, examinations, marks, courses and papers in a good manner. The performance of the application will be fully control by administrator and administrator can guaranty any one to access. The project will reduce the manual process in managing examinations and all issues regarding that.

Online quiz website can have several advantages, including:

- Easy creation: Online quiz website can be created and customized easily and flexibly
- Engaging: Online quiz website can be engaging and motivate students to do better
- Reduce anxiety: Online quiz website can reduce exam anxiety for test takers

- Social interaction: Online quiz website can promote social interaction between test takers and experts

Some other advantages of online quizzes include:

- Reach many participants
- Involve target group
- Give user defined feedback
- Automatic evaluation and display of results
- Mobile-capable
- Save cost and time

Methodology:

The methodology of developing of project will be a step-by-step sequence to design, develop and deliver the application. In software engineering this methodology called ‘waterfall model’ which one portion of work follows after another in a linear sequence. Following steps will be followed in this methodology:

- Initiation (Requirement Specification);
- Planning and design;
- Execution (construction and coding);
- Validation (Testing);
- Closure (Installation and Maintenance).

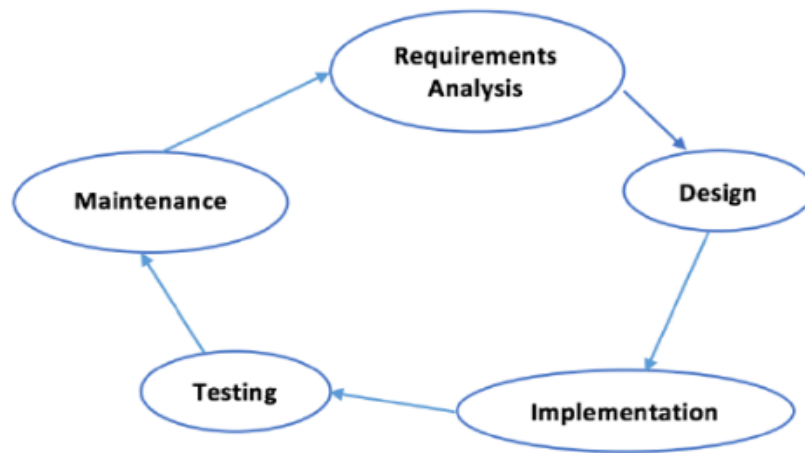


Figure 1: SDLC Diagram of Project

Proposed System:

The main requirement of application is to find questions and answers. In this application firstly the user need to register or login using user-id and password. Then the user can choose any of the quiz of his/her choice. Before starting the quiz there is a instruction window in which there are instruction related to attempt the quiz. After it user can start attaining the quiz. Here user can see his/her answers are right or wrong and can also see the answer of each. If there is any query related to it user can ask it. After completion of the quiz user will get credit score for each of its correct answers. Initially the questions are given by the admin but after sometime the user itself can submit questions and its answers. After verification by the admin the questions are shown on the window. The query related to a question can we solved by admin as well as the users of this application. This application initially contain admit and some higher prior user which can submit question and answers

- System needs store information about new entry of Course.
- System needs to help the internal staff to keep information of Question and find them as per various queries.
- System need to maintain quantity record.
- System need to keep the record of Topic.
- System need to update and delete the record.
- System also needs a search area.
- It also needs a security system to prevent data.

Features:

- Account login: Student/user can login using login id and password.
- Account logout: Student/user can logout the account whenever required.
- Result: Student/user attempted the quiz and gets a result.
- Feedback: Student/user can give a feedback.
- Play Quiz: Student/user can play the quiz according to his/her choice.
- Add Questions: Admin can add the question by selecting the topic.
- User interface: A clean, user-friendly interface
- Customization: Custom branding, results page, and certificates
- Questions: Randomized questions, multiple question types, and partial credit
- Tracking: Progress tracking and quiz timer
- Sharing: Social sharing and leaderboards
- Reporting: Built-in reporting and analytics
- Support: Supporting material and question feedback

Implementation Plan:

Phase 1: Design and Planning (1 week)

- Define the project requirements and specifications
- Design the user interface
- Create a project plan

Phase 2: Development (2 weeks)

- Develop the web application using HTML, CSS
- Implement the JavaScript, Database integration
- Test the website for functionality

Phase 3: Deployment and Testing (1 week)

- Deploy the website to a web server

- Conduct user testing to identify any issues
- Fix any bugs or errors that are found

Team Members:

Aman Jain: Frontend, Backend, Documentation work

Bhav Agarwal: Frontend, Backend, Database Management

Rishabh Tiwari: Frontend, Documentation work

Resources Required:

In this Online Quiz Website we are using HTML (Hypertext Markup Language), CSS (Cascading Style Sheets) and JS (JavaScript) as our software part and for using all this technology we are using VS Code.

By project requirements specifications we can analyze the tasks which going to be done by the system. The function and performance of allocated to software as part of system engineering are refined by establishing a complete information description. A detailed functional and behavioral description of the project and concentrating on requirements and constraints of that will provide and good product. The proposed system should follow these requirements:

- System must store information about users (Student and Teachers), tests, questions and result;
- System should able the teacher to punch tests;
- Each teacher should be able to punch many tests;
- System should do not allow unauthorized user to enter the system;
- Each student should be able to attempt many tests;
- System should keep and display the results of Students;
- System should support test which one or more question dependent on it;
- System should allow the administrator to delete and update tests and questions dependent on it.

References:

- <https://developer.mozilla.org/en-US/docs/Web/HTML>
- <https://www.w3schools.com/js/>
- <https://quizizz.com/home-v1?lng=en>
- <https://quizlet.com/en-gb>
- <https://www.javatpoint.com/css-tutorial>
- <https://javascript.info/>

Expected Outcomes:

Online Quiz Website can be used as a brief assessment in education and similar fields to measure the growth of students in knowledge, abilities, and skills.

It is a quiz application which is based on web application. It usually interacts with user and students. Mainly it is quiz application in which there are 4 categories. Individual category will hold 10 questions, and each question carries 1 mark. There is no negative marking. If we do not attempt any question then it will Show "not attempted" mark. In result screen, it will show total marks obtained in quiz, wrong answer will also be shown with correct answer. Main purpose of this application is to develop knowledge and skills in students and user.

- Easy & flexible creation and customization
- Individual design
- Use of different question types & media
- Reach many participants
- Involve target group
- Give user defined feedback
- Automatic evaluation and display of results
- Mobile-capable

Project Supervisor:

Ms. Ruchi Talwar

Conclusion:

To conclude, this is a simple Online Quiz Website which able a teacher to punch MCQ question to the website which will be display on the website and the students are able to attempt any test for once. The marks of student will be calculated according to questions they attempt and will be displayed by the website to teachers and studenst.