ONLINE TEST SERIES ARE ACCESSIBLE USING HTML. CSS, JavaScript, Bootstrap, PHP, & Mysql

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Abstract: This document specifically mentions the details of the project how it was developed, the primary requirement, various features and functionalities of the project, and the procedures followed in achieving these objectives. The online test series is most useful for students preparing for gate exams. It reduces your anxiety during exams and describes how clear your concepts are. This system helps in conducting examinations quickly and can thus help in preparation for the gate exam and the operations will be carried out efficiently. With effective use, any Institute can apply the "online test series" to attempt test series and get better results in less time. The project: "Online test series" is a collection of several different types of quizzes, MCQ and PYQ users can access/play all of the quizzes and can attempt any of them. There will be a set amount of questions, and for each successful response, the user will receive a credit score. Users can view responses and ask relevant questions. There are several quiz programs accessible on the internet.

Keywords: HTML, CSS, JavaScript, Bootstrap, PHP & MySql.

HARDWARE AND SOFTWARE REQUIREMENTS:
SOFTWARE REQUIREMENT

- **Front End:** HTML, CSS, JavaScript, Bootstrap
- **Back End:** PHP, MySql

HARDWARE REQUIREMENT

- **Processor:** Pentium IV or Above
- **RAM:** 2GB or Above

1 INTRODUCTION

The project: "Online test series" is a collection of several quizzes, pyq (previous year question)& and MCQ based on the gate exam. A user can access/play the entire quiz and can attempt any of the ones. There will be a limited amount of questions, and for each accurate response, the user will receive a credit score. Users can view responses and ask relevant questions. There are several quiz programs accessible on the internet that provide questions with solutions to each question. Query solution for any query, Uploading user queries and answers to improve user knowledge. To create an application that includes solutions to the aforementioned concerns. This program will provide the user with information about his or her level as well as opportunities to learn more.

1.1 Aims and Objectives:

The primary purpose of the "Online text series" is to provide a user-friendly environment for all users while decreasing manual effort. Previously, quizzes were performed manually; but, with technological advancements, we can produce scores and present questions automatically. The functional requirements include generating quiz participants, automating score and report generation, adding questions and answers, marking for each question, setting a timeframe for each quiz, and providing a summary with test results.

Functionalities provided by the Online test series are as follows:

- To increase the efficiency of managing the subject, Question
- It deals with monitoring the information and transactions of the Student
- Editing, adding, and updating of Records is improved which results in proper resource management of subject data.
- Manage the information of Student
- Integration of all records of Quiz.

II. LITERARY REVIEW

ONLINE TEST SERIES:

A SYSTEMATIC REVIEW OF ONLINE EXAMINATIONS: PEDAGOGICAL INNOVATION FOR SCALABLE AUTHENTICATION AND INTEGRITY

This systematic literature review looked at the current literature on online exams and their equivalents. We discussed student, staff, and technology research as identified in our sample. The dominant focus of the literature is still oriented towards preliminary evaluations of implementation. These include what processes have changed at the technological level and how students and staff have rated their preferences. There have been some early attempts to examine the impact of online exams on student wellbeing and performance, along with how the changes affect staff's ability to deliver.

LITERATURE REVIEW OF ONLINE TESTING METHODS

The online testing system represents a new paradigm in today's world of information technology. Innovations and technological developments that happen from time to time are starting to gain attention from all parties, especially in the field of education. Using such systems can offer many benefits to teachers and students, as well as to meet educational needs, it can also make teaching and learning more fun. However, it is still not widely used at all levels, whether in school, college or further education. This study was designed to gather literacy studies related to the use of online testing systems. It is intended to evaluate the factors that attract users to use online testing systems. The studies were focused on the effective use of the system in terms of easy access to the Internet, security system, testing and evaluation in education.

INTRODUCING THE USE OF ONLINE TESTS IN ASSESSMENT OF 21ST CENTURY LEARNING: A LITERATURE REVIEW

The digital environment provides more and more opportunities for ingenuity in assessment. With multiple digital technologies and the widespread availability of information at all times, there is a significant opportunity to creatively use multiple assessment methods to support and assess student learning in higher education. This study uses the literature to examine the function of online examinations in higher education, specifically their impact on student learning in a digital and changing environment, as well as the issues and challenges they present. We conclude that online tests, if used successfully, can be useful in assessing 21st century learning, and we review the literature to obtain principles for optimizing online assessment in the digital age**.**

III. PROPOSED SYSTEM

Unlike other apps where you have to create an account for every quiz you want to play. but with this app you just login with username and password and then you will get access to all test series based on gate exams. The proposed system is an application that will help improve knowledge and accuracy.

3.1 Definition of the problem

- **Time management:** Failure to manage time effectively can lead to feeling rushed or panicked during the exam.
- **Test Anxiety:** Some students may experience high levels of test anxiety which can affect their performance.
- **Lack of understanding:** An imperfect understanding of the test material can make it difficult to successfully complete the exam.

3.2 Preliminary Product Description

Online Test Series App is an educational platform created for those students and professionals who are interested in Gate Exams and gaining knowledge. All quizzes can be updated by our app admin all the time so that members get updated information. Different quizzes with different topics and descriptions will be available here. Users can give their valuable feedback and even contact us if there is any problem.

3.3 Platform Justification

Reasoning means why I decided to make this project because not only to make a project for college It is to improve my skills

FLOW CHART

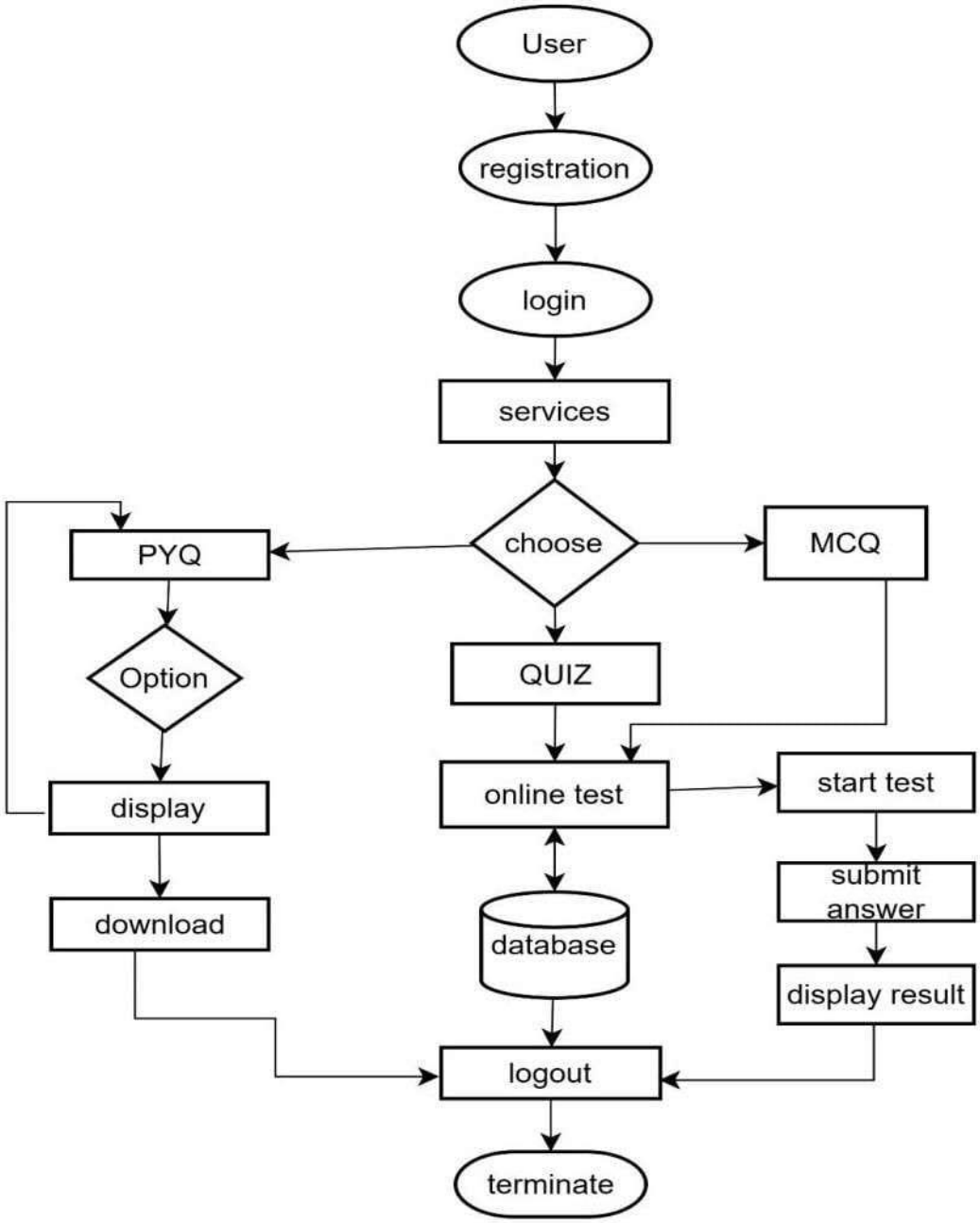

Fig 3.1 Application Flow Diagram

V. METHODOLOGY

The Methodology contains the following steps:
Step 1: start.
Step 2: Sign up for the account.
Step 3: Sign in after successful signup.
Step 4: Start the test.
Step 5: Solve each question within the time limit.
Step 6: After completion, check your score.
Step 7: Exit.

EXPERIMENTAL RESULTS:

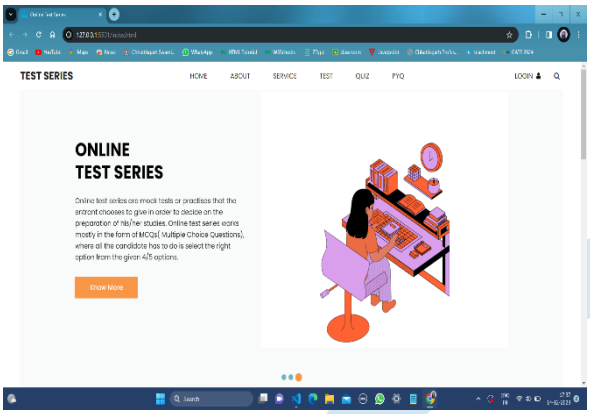

Fig 5.1: Home Page

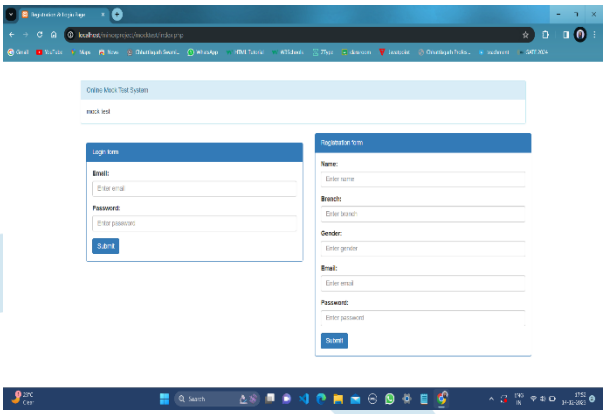

Fig 5.2: Registration & Login Page

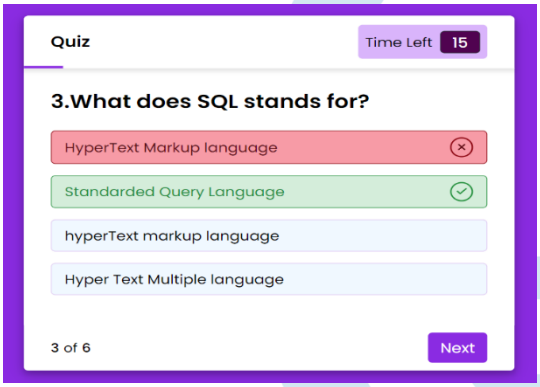

Fig 5.3: Quiz Application

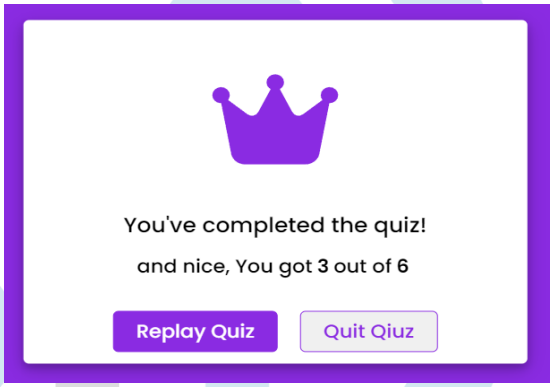

Fig 5.4: Quiz Result

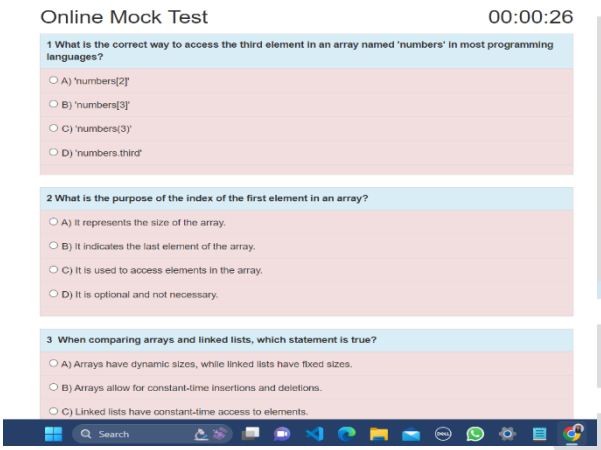

Fig 5.5: Mock Test Application

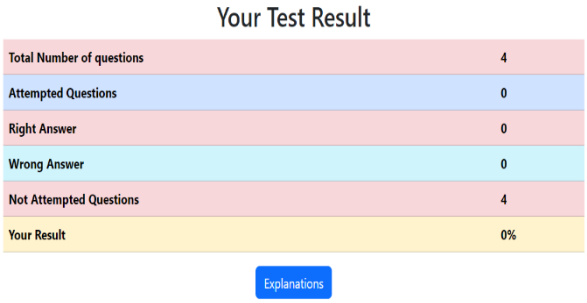

Fig 5.6: Test Result

VI. CONCLUSION

The quiz application allows you to take quizzes from anywhere, at any time. It saves time because the user does not have to wait for the results. As a result, students and users are unable to wait for the outcome. All students/users get more knowledge and abilities. The administrator has the ability to include as many questions in a specific Quiz in the application. Users can register and log in to take the Quiz. If a user forgets their password, he or she can reset it using the Forgot Password option. There is an instruction page where students may get information regarding quizzes such as the amount of questions, time limit, and so on. Following this, each student got the quiz results. As a result, the student is unable to await the outcome.

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