Smart Online Quiz System

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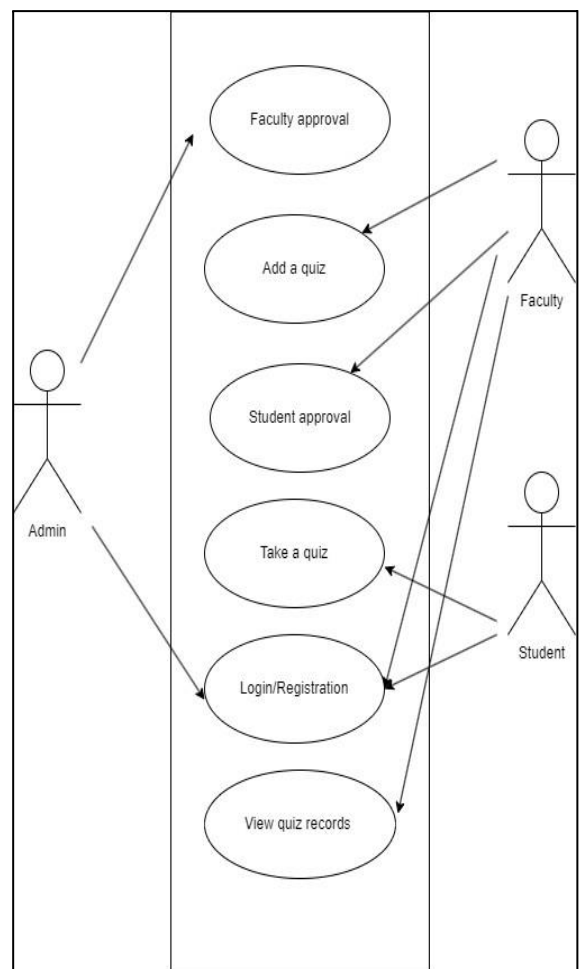[1,2,3,4]*Dept. of Computer Engineering, VPPCOE, Sion , Maharashtra, India*
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Abstract - Online Quiz System is an application to take online quiz/test in an efficient manner and no time wasting for manually checking of the test paper. The main objective of this web based online quiz system is to efficiently evaluate the student thoroughly through a fully automated system that not only saves a lot of time but also gives fast and accurate results. For students they give papers according to their convenience from any location by using the internet and time and there is no need for using extra things like paper, pen etc.

Introduction

Online quiz system helps students to offer a quick and easy way to appear for the test. It also provides the results immediately after the quiz with 100% accuracy and security. Students can enter to perform exams only with their valid username and password. This quiz contains multiple choice (MCQ) questions and an appropriate number of options. There are no limitations on the number of options and it can be randomized so the same set of questions will not appear to all students so it prevents manipulation. More than one option can be correct but the user can select only one option. This provides a time limit. The user can see their results after completing the exam. This helps the students to write the exam from far distance and which can provide security and simplicity and other beneficial features to the user. It allows the users to analyze

their skills and knowledge through different sets of quizzes and increase their learning abilities and perform well in any kind of examination.

Goals and Objectives

- Enables students to answer the quiz from any location.

- Saves lecturer's time since answers are automatically marked.

- Enables students to answer the quiz online.

- Less expensive and effective method of performing examinations.
- Lessens students and teacher's frustration.

Motivation

As Android is rapidly getting famous day by day and the number of its users are increasing with every blink of eye, because it is easy to access the necessary android-based applications on smartphones and tablets in your hands. Therefore, we found this idea interesting, easy and time efficient to facilitate the users in this way without any difficulty. There are many online quiz applications available on the internet, but most of them are only for entertainment and fun. Moreover, if one is going to appear in any test or interview, then it is difficult and time consuming for them to read the full books or articles related to specific fields for the preparation or revising their knowledge. But the most attractive feature of our app is that we take learning and fun side by side. Our app provides them the facility to revise their knowledge or to learn something advantageous at one place without wasting their time.

Scope

This Quiz application can let students take the quiz digitally. The system will eliminate the drawbacks of the existing system in which all the operations are manual i.e., preparing the question paper, correction of the answer sheet, physical presence of the student, and also the use of the paper and pen. As this application let's users take the quiz digitally, the geographical location of the student does not matter in most of the cases. Today's generation feels comfortable when study is paired with electronic devices which will automatically promote the use of such applications in the future. In the online quiz module, the faculty will prepare or upload the question paper in the our college

administrative system.so that students their quizzes form the college administrative systems through their logins. Meanwhile the faculty can perform several tasks on the uploaded questions. That task is listed below.
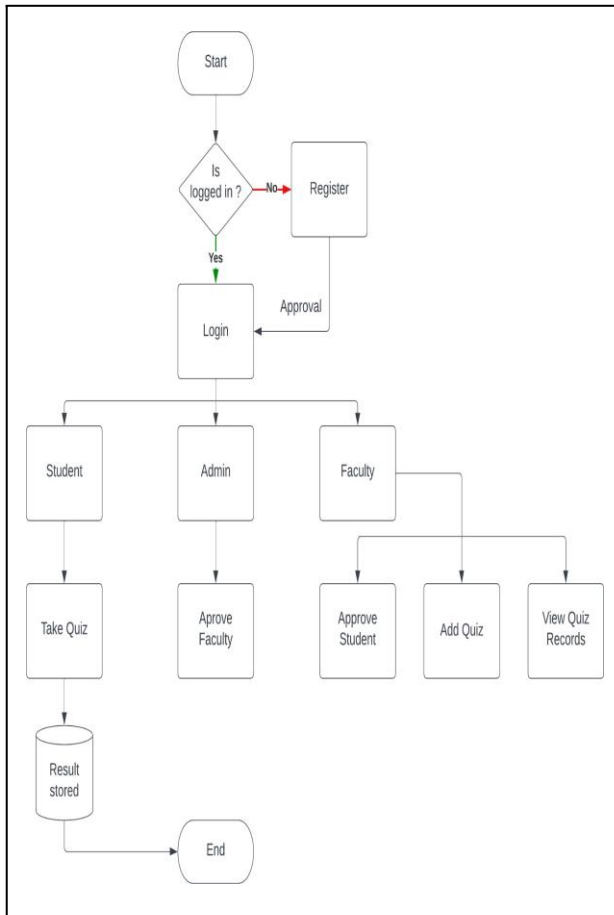
Upload of Question Paper: Here the faculty will upload an excel sheet or they can prepare the questions in a module using the text editor. And these questions will be uploaded to the database which is maintained by our college.

View Question Paper: Here we can view the uploaded question paper. for the confirmation purpose or to check the question of what they have uploaded.

Edit Questions: Here we can edit the question which we want to edit. We can make the corrections to the question paper or we can edit the question that we want to edit.

Delete Questions: Here we can delete the questions, we have two options here one is to delete all the questions and another one is to delete the single question.

So, those are tasks done by the faculty, while uploading the question paper the faculty will provide the total marks, time limit for exam and start & end date of the exam. When it comes to students, the students will only just login to the college administrative system. By giving the subject details and academic details they attempt their quiz. Their marks will be stored in the database, and students can attempt it only one time. and for the student the questions randomly generated to everyone. After attempting the quiz they can see their over score and the bit wise score.

Advantages

- Easy Accessibility
- User Friendly
- Secured
- Generates result instantly

Conclusions

The system build is user friendly and can be used by organizations such as school, colleges, and classes.

In this system the admin can add teachers. The faculty can add students in the system, create quizzes and view the progress of the students.

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