Online quiz application

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ABSTRACT

An Online Quiz Application is the most widely used application nowadays. It is one of the most helpful ways to conduct examinations or to prepare for them in any organization. The programs which help in conducting the exam in an effective way and saves time are Online Quiz Programs. It also helps to get through the tutorials of particular topics. You can put forth any query of yours and you will get the appropriate answer to your question. Therefore, it can be said that an Online Quiz Application helps you to save time in giving exams and provides security. This research paper will describe a Quiz Application that helps the students in a college or in a university to give exams in an effective way.

Keywords— QuizApp, String tokenizer, Save money and time

1. INTRODUCTION

This application is developed keeping a fictitious company "Online Quiz" in mind. It has been assumed that "Online Quiz" is an organization that has a whole-sole objective of imparting education to primary school & underprivileged children. To fulfil this objective and spread its initiative all across the nation, it requires candidates who are both technically as well as non-technically equipped and for that purpose. "Online Quiz" has a defined procedure of selection & registration of candidates which it is presently doing manually. It has been assumed that "Online Quiz" is an equal-opportunity organization and also gives a second chance to all those candidates who are unable to clear in the first attempt. Under this policy, if a candidate clears his technical test but is unable to clear the non-technical one, he is successfully registered by the organization & is being called for a re-appearance in 01 months. The prime motive behind this "Online Quiz" policy is to fulfil its objective of teaching primary school & underprivileged children and make every capable Indian a part of their sacred initiative. So, the system really saves extra costs by automating the majority of the involved processes that were initially handled manually by "Online Quiz".

2. LITERATURE REVIEW

According to the various surveys, it was found that the QuizApps have proven to be very helpful in day-to-day life. The QuizApps is the best tool for conducting the exam. There are ten most innovative QuizApps present today. Those QuizApps work for a different purpose. Our QuizApp is the one that is based on a university level.

3. METHODOLOGY

The methodology contains the following steps:
  Step 1: Start.
  Step 2: Signup 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.

4. DESIGN OF QUIZAPP

This project contains four panels; namely; Student panel, Admin panel, Faculty panel and student feedback panel. When the website is opened, then there will be a login page. There will be five options for login: admin, student and faculty. The user needs to select the category they belong and then login with the password. If the user is new then he or she has to sign up.

4.1 Student panel

When you login in the student panel, then you need to manage your profile. After that, you need to start the test based on the category of test. After selecting the category, the test will be started and every question has a time limit so you want to complete that question in that particular time limit. When the test is completed then you can check your score as well as the right answers for each wrong question.

4.2 Admin panel
When logged in through admin panel, then you can check and manage every panel's details.

4.3 Faculty panel
This panel is made for the faculties. The faculty can add questions in the database as per the requirements and categories with the answers for the questions in the database. When faculty start the test then the only student can start that test otherwise the "Start test" option in student panel is locked.

5. BENEFITS OF QUIZAPP
Firstly, this project helps the students of the university to save their time, paper and energy. They don't have to use pen and paper for marking answers. Secondly, it helps students to check their answers and can see tutorials as uploaded by faculties.
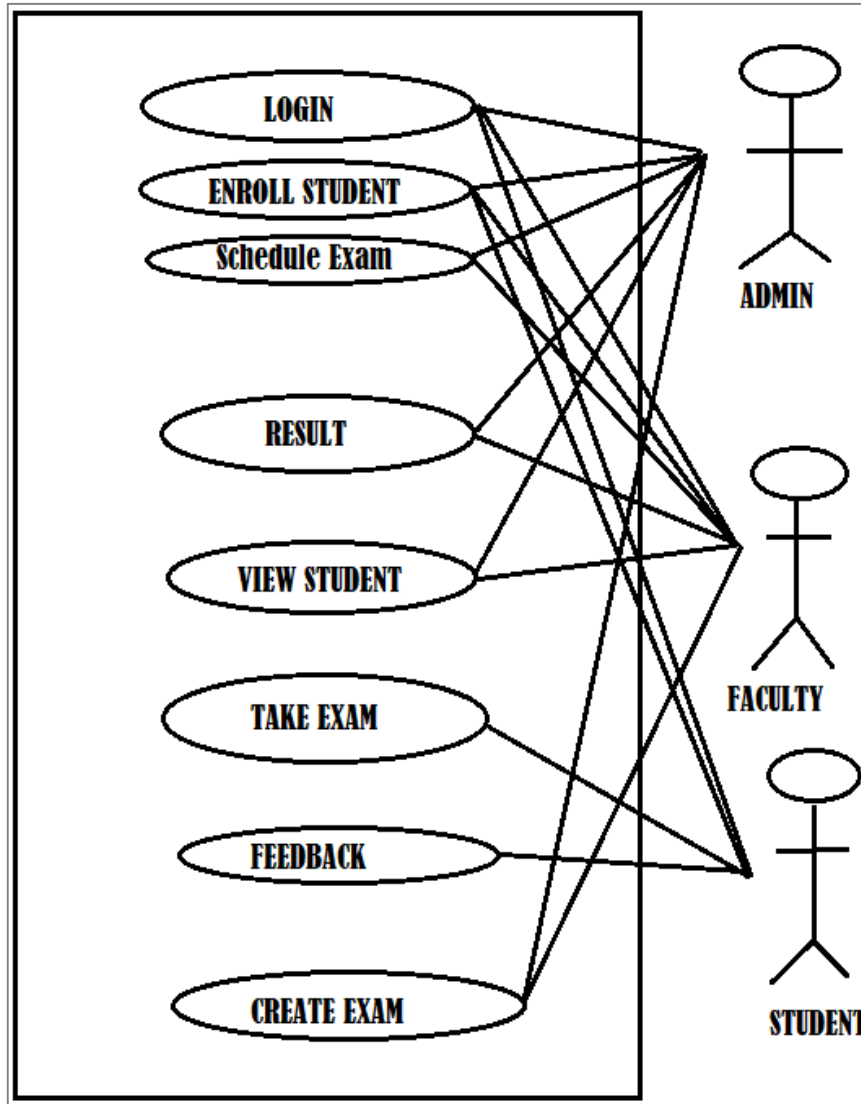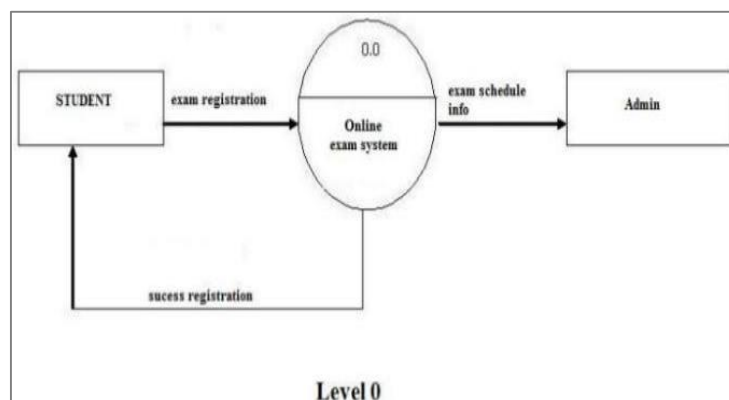
6. FIGURES AND TABLES

Fig. 1: Use case diagram
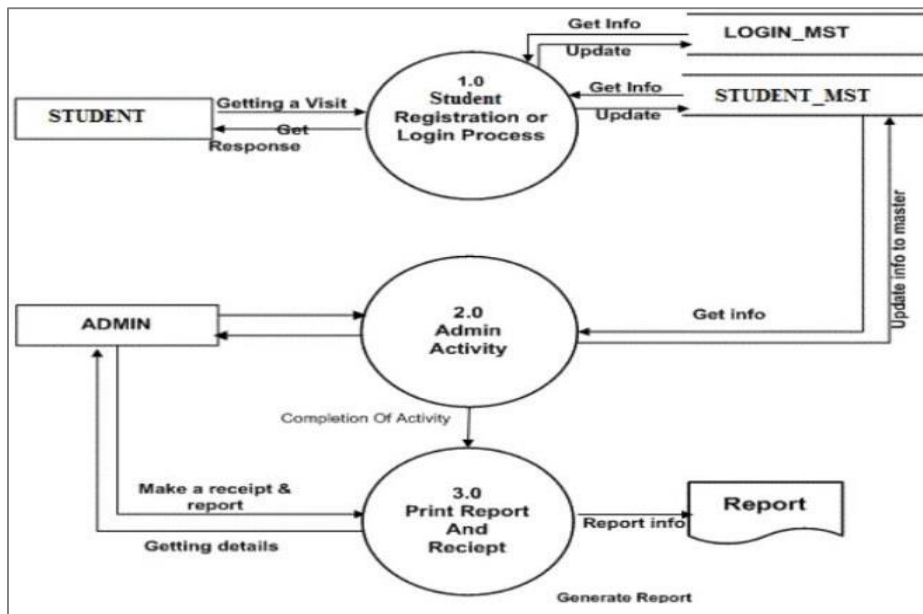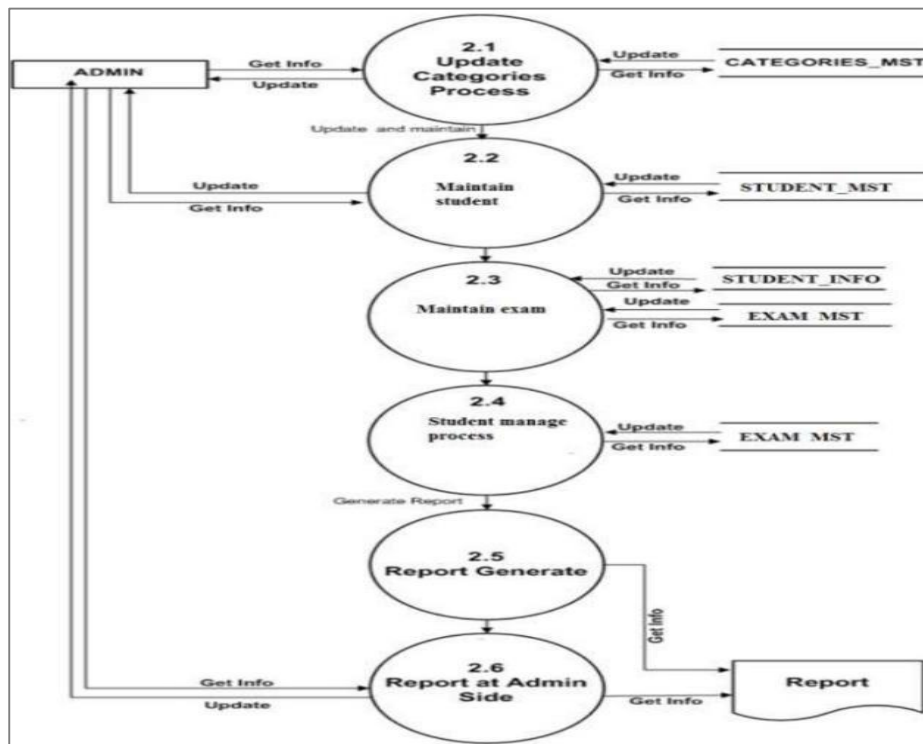

Fig. 2: Level 0

Fig. 3: Level 1

Fig. 4: Data flow diagram Level 2

7. CONCLUSION

Online Application System is a web application. The key concept is to minimize the amount of paper and covert all forms of the test in digital form. It can observe that the information required can be obtained with accuracy and ease in digital/computerized systems. The user with minimum knowledge about computer system can operate the system. The system also produces results in brief required by the management.

8. FUTURE SCOPE

Developments in Software technology are continuing dynamically and this has forced to look for new approaches to design and development. In order to face this situation, the modules in the application can be subjected to further enhancement. Such as Developed discussion forums, Implementation on cloud servers, Multimedia support and Integrate learning material.

9. REFERENCES

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