

Progress Report

QUICK QUIZ MANAGEMENT SYSTEM

As a Field work for Course

ARTIFICIAL INTELLIGENCE (INT404)

By

Sr. No.	Registration No	Name of Student	Roll No	Total Marks	Marks Obtained	Signature
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Abstract :

Online quiz management system report in python .Modern hand held devices such as smart phones have become increasingly powerful in recent years. However, there are some applications that allow users to flexibly execute tasks which are done by personal computer (PC), laptop etc. As mobile devices become more like PCs they will come to replace objects to accomplish necessary tasks. If any mobile applications has developed to mitigate administrative work as well as fulfill user (other than administrator) requirement, then task can be complete within the smart phone.

Online Quiz application, which is developed for Android base platform falls into this category. The prime objective of “Online Quiz Application” is to take quiz for any individuals through internet. Multiple choice questions (MCQ) will arrive for any interviewee with certain time limit for each quiz. All questions, answers and timer must be configure by an administrator and these administrative tasks including user creation can be done from “Online Quiz Application”. Besides, report will generate with score where administrator can check for interviewee’s result.

Introduction :

This is a web-based intelligent multiple-choice-question examination system, named Online Intelligent Quiz System (OIQS), for assessing students. It is a system by which students can appear in a quiz from anywhere of the world where there is no interaction between pencil and paper rather interaction between computer and human being. We use the term intelligent here as the system generates questions intelligently. There are many definitions of intelligence but we use the term intelligence in the sense that the system generates the a new question of a quiz by depending on the result of the question last answered and for the same quiz of a subject it generates different questions for different students. The questions vary student to student for the same quiz while they are sitting in the quiz at the same time. Teachers can use the OIQS for evaluating students effectively, efficiently and perfectly. Any university, college, school or educational institute can use this system for their organization to take quizzes. Today it is the more efficient and effective methods of assessing distant students.

One of the main benefits of our system is automated marking, that is, teachers do not need to check the answer script as they do in manual quiz. It saves valuable time of a teacher. On the other hand, students can score according to his/her merit level and it will give feedback about a student in which side he/she is weak. In recent years, the use of online quiz systems has become quite popular due to pressures of increasing class sizes and the need for more efficient and effective methods of assessing distant students. It is due to the popularity of distant education. Still now maximum educational institutes have been using manual system to take quiz. In the recent year a few instructors of some institutes have been using web-based M.C.Q. quiz system. Actually, it depends on how much web technology a country takes or uses. For example, in Bangladesh it is rare to use a web based quiz system. But in case of U.S.A. it is a general case to use a web based quiz system.

Literature Review :

General purpose paper based exam system costs time, resources etc. Thus, online exam system gets much more popular. So there is necessary to change system. Online Quiz application will reduce manual intervention and brings flexibility to users. It's very easy to use from anywhere if internet is available and concern user has access to this application. Administrative task can also be done from UI which is very new for any mobile application considering online examination.

Proposed Methodology :

This Project main purpose is to develop Online Quiz system named 'QUIZ TIME'. The application (QUIZ TIME) will provide online based quiz with multiple choice question (MCQ). This quiz application will support android base operating system. With this application, users or any organization can perform actions like

1. Creating an Account to perform Quiz
2. Login
3. Having levels to perform Quiz :
 1. Easy
 2. Medium
 3. Hard
4. Total of 5 Questions asked in Quiz in each level.

Algorithm for Quick Quiz :

- 1) I created a main program to inherit all the created functions in it.
- 2) Create start function as the main page and take one image for it and set size for the image to view.
- 3) Create signup page by taking full name, password, username, country and take signup as button for entering into next page.
- 4) Create another function if the person has already an account for taking username and password as input and login as button.
- 5) Create some questions in which we have to take quiz.
- 6) Take while condition for choosing right options.
- 7) After choosing correct options taking next attribute as button.
- 8) Repeat 6 and 7 steps again until n times.
- 9) At last take calc page for calculating the correct answers of the quiz.
- 10) At last take display page for viewing the correct options after calculations.
- 11) Call all the above functions in the main function.

Group Member Work Effort Description :

Roll No : 03
Name : Shaik Shirad
Work Effort : Preparation of Synopsis

Roll No : 06
Name : Thati Prashanth
Work Effort : Preparation of Final Report and Github link

Roll No : 20
Name : Gowri Shankar
Work Effort : Creating the Code and Algorithm

Roll No : 22
Name : Narendra Naidu
Work Effort : Creating the Code and Algorithm

Result And Discussion :

From the previous two systems I realize to solve the problems of those systems to get a standard quiz system. In the previous two systems the things that are short from a standard quiz system, to fix it up I design an intelligent system, which will work according to the web base system. From this intelligent system we can omit the manual system's problem criteria because it work as a web base system, which is totally automated. It also omit the general web based system because it gives the evaluate option for the students performance and feed back criteria. To get a standard quiz system I tried to join the intelligent system that I designed for my thesis project. This will help to remove the current system's problems.

Students can appear in a quiz from anywhere of the world.

There is no interaction with pencil and paper.

Questions are generated intelligently.

The system generates a new question of a quiz by depending on the result of the question last answered.

The system generates different questions for different students for the same quiz of a subject.

Teachers can use the system for evaluating students effectively, efficiently and perfectly. It is the more efficient and effective methods of assessing distant students

There is provision of automated marking, that is, teachers do not need to check the answer script as they do in manual quiz.

Conclusion :

In Online quiz management system report in python . thesis, we have focused on the automated system, which replaces the manual quiz system. But the interesting thing is that the thesis is not just an online quiz system; it has its own intelligent capability. This was actually our target feature of our thesis. Basically, we have tried to introduce the evaluation method of student-performance and the feed back of the student in the online quiz. Here, the questions are appeared according to the previous answer of that student. We have implemented it in our thesis and it works successfully in our system. In this system, an educational institute can make their examination procedure automated. It gives the opportunity to the authority to register teachers for different subjects and also give the facility to the students to register their courses for the examinations using the OIQS. Though this is a MCQ based quiz system but it is a perfect MCQ based online quiz system that gives a lot of facilities to the users, as a modern quiz system should have. This system is designed basically for the educational institute but also can be developed for other examination systems like job interview, quiz contest and for other criteria.

OUTPUT :

The image displays two screenshots of a quiz application interface.

The top screenshot shows a window titled "tk" with a yellow background. In the center, there is a red speech bubble with the text "QUIZ TIME!" in white, bold, uppercase letters. Below the speech bubble is a small megaphone icon. At the bottom of the window, there is a gray button labeled "Start".

The bottom screenshot shows a window titled "tk" with a dark blue background. In the center, there is a white rectangular area containing the text "Quiz App SignUp" in a large, black, sans-serif font. Below this text are four input fields, each with a label to its left: "Full Name", "Username", "Password", and "Country". Each input field is a gray rectangle. Below the input fields is a gray button labeled "SignUp". At the bottom of the white area, there is a link that says "Already have a Account?".

Quiz App Login

Username

Password

Login

WELCOME TO QUIZ STATION

Select your Difficulty Level !!

- ☐ Easy
- ☐ Medium
- ☐ Hard

Let's Go

tk

Which of the following cannot be a variable?

☒ `_init_`

☐ `in`

☐ `it`

☐ `on`

Submit

Next

5

tk

Your score is 0