

Online quiz management system

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.

Now a day the web base quiz system is getting popular with a

tremendous speed. As the technology is spreading through out the world the automated system will also taking the places of the manual systems. Currently big institutes are running their online quiz systems at a very successful rate. As the time is progressing the online quiz is making interest to the faculties and also to the students. In the big cities and organizations people are getting understand that how the online quiz system is better and efficient. With in the recent time this system will be taken place to this techno world. But this system also has some lacking. If this system has the intelligent part then it will be a perfect one. The problems that may occurs with web based quiz system: Can't evaluate the student perfectly. Can't generate the proper feed back of the students.

In recent years, the use of electronic online quiz systems has become quite popular due to pressures of increasing class sizes, and the need for more efficient methods of assessing distances students. This thing motivates us to work with web based quiz system. We also have tried to eliminate the problem with general web based quiz system and decide to create a web based intelligent quiz system. In our thesis project, we have tried to develop an "Online Intelligent Quiz System" which will be popular in both the students and teachers. To develop the system we collected some documents from web. Then we have analyzed those documents and tried to find some logic from there. As a step of development we collected requirements where we have conducted a survey. In that survey we took teachers and students opinions to make the system more meaningful. For that we made a question set and gave it to some teachers and students. They gave their opinions on those scripts. In below survey details are given.

Objectives : -

The main objective of "Lets Quiz" is to facilitate a user friendly environment for all users and reduces the manual effort. In past days quiz is conducted manually but in further resolution of the technology we are able to generate the score and pose the queries automatically. The

functional requirements include to create users that are going to participate in the quiz, automatic score and report generation and administrative tasks like add, delete, update for admin privilege users. In this application, all the permissions lies with the administrator i.e., specifying the details of the quiz with checking result will show to interviewee or not, addition of question and answers, marks for each question, Set timer for each quiz and generate report with score for each quiz

Abstract : -

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.