

WEBQUIZ APPLICATION

Network Multiple Choice Questions (M.C.Q) Software

Introduction:

WebQuiz is a network based web application software prepared by software firm Vrunda Computing for the use of companies, educational establishments and Government agencies to conduct large scale examinations on network.

With this web application any educational body or government agency can take online examination of candidates appearing for public exams.

This software system can be deployed on Internet as formal web site or on secure corporate network (LAN) as Intranet web application.

The examiner himself (without help of IT professional) can design various question sets and create unlimited number of objective type multiple choice questions (MCQ) for conducting examination of candidates.

The software provides feature to enrol unlimited number of candidates. (from thousands to millions) After enrolment each candidates gets automatic unique Candidate ID number and a password can be assigned to the candidate.

Web based user Interface:

The user interface of this software is like a web site, and it does not require any special client software on candidate's computer. All the computers on the corporate LAN can be instantly used for this software. The candidate has to access the WebQuiz Application with any web browser like Internet Explorer, Mozilla Firefox or Netscape Navigator which are universally available on every computer.

Multilingual Support

The user Interface of this application supports multiple Indian languages. Currently this software is available in English, Hindi and Gujarati versions. The support for other Indian languages will be added soon.

Secure Login

To take the test, every candidate is required to login with his Candidate ID and password set by the administrator. After successful login the candidate is presented a list of question sets appropriate to his candidate group.

As per the instructions given to him, a candidate has to select a question set which has certain number of MCQs set by the administrator.

After starting the test all the questions are displayed with their options, page by page in sequence. The candidate has to make the right choice from the options and click the Attempt button.

If the candidate does not know the answer than he can skip the question by clicking the Skip button. The candidate can also abort the test if he wishes so.

Timeout feature

For every question set there is time out period which the administrator has to set (the default value is 60 seconds). Every question has to be answered within the time out period, If the candidate does not answer within the time-out period than the question is treated as skipped and automatically the next question page is displayed. This will ensure that only the candidates with genuine subject knowledge can get good score. Because of time-out there is very little chance for any kind of abuse by the candidate.

The Timeout Mode

Timeout can be set to operate in two different mode

(1) Per question mode: in this mode each question must be answered in time out period set in seconds. Examiner may allocate some for more time for some difficult or time consuming questions

(2) Cumulative mode: In this mode the entire quiz (question set) must be answered in cumulative time period. This period will be time-out multiplied by number of questions in question set.

Random quiz sequence

On every login the questions from the question sets appear in random sequence. Therefore candidates can not take tips from any nearby peer who is also appearing for the same test. This feature prevents any misconduct by the candidate and ensures that only candidates with good subject knowledge can get higher score.

Type of Multiple Choice Questions (MCQs)

The objective questions (MCQs) can be designed in three ways:

- (1) Mutually Exclusive: Only one right choice out of available options
- (2) Multiple Selection: More than one right choices out of available options
- (3) Sort Options: The available options should be sorted (arranged) in correct sequence

At the end of the test a candidate's test score is displayed with details what was the expected answer v/s what he answered and how is test score is calculated by the application.

Question set constrains:

The MCQ Administrator can categorize the question sets into question groups and candidates in to various logical candidate groups. The MCQ administrator can set constrains on which candidate can take which questions sets. Thus only appropriate question sets will be shown to the candidate according to his candidate.

Permanent record of results

Every candidate's performance is permanently recorded on server database which the site administrator can scrutinize and publish the results formally on printed medium

If you have any interest in seeing the demo of software than please contact :

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