ONLINE OBJECTIVE EXAM

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ABSTRACT

The online objective test system is an online testing system that allows users to take online tests and automatically generate results based on the answers marked by the users. The school will be used for various online tests conducted by schools, colleges and other institutions. The system is an online application that can be used to conduct online tests and get instant results. This system is currently designed for 5 subjects. It also has an admin module. The admin module leads to the admin dashboard which is accessible via admin login. The admin dashboard allows the administrator to add new questions to the system with 4 options and 1 correct answer. The administrator can set a time in minutes for each topic and for the number of questions. So now whenever the user resists, the registered username can login using the password. The user is now allowed to take exams from any 5 subjects as required. The test will start when a topic is selected and the user can now find the desired answers within the limits. At the end of the time the system goes to the results page and users get points to it.

Keyword : - *Online Testing, Admin dashboard, Registered etc….*

1. INTRODUCTION

The online examination system is run by a question technology bank to facilitate the activities of examinations such as defining examination patterns, defining examination timers, objective / thematic question sections, conducting examinations without paper or computer or mobile devices. The online exam system is an effective and scalable way to convert traditional pen and paper-based exams into online and paperless mode. Candidates can appear for the exam using any desktop, laptop or mobile device with a browser. Test results can be created quickly for objective type questions. This simplifies overall exam management and consequently generation activity. The system / for application has to manage the examinations of various departments of the academy. To keep the information accurate and fast, they will manage the status / information of that exam so that one can get the details of the exam according to their program. Previously, it was a very time consuming and tedious process where students and the university would do all the work manually, enrolling the students, fixing the question papers, finally setting the schedule for announcing the results. This was difficult because these details were now generated, managed, and stored on a computer. The process became much easier when the computer system was introduced and for students they expected to come in person to register. , Attend the examination at the examination center and for all those formalities. We are now expected to develop a web application that enables all of these functions as well as a capable web. There are already applications in this field that take their exams online.

2. LITERATURE SURVEY

Guzman and Conejos "Online examination system called System of Intelligent Evaluation using Tests for Tele-education (SIETTE)" [1], The workshop is part of the Tree Project, supported by the European Union's Leonardo Program, whose ultimate potential is the development of an Intelligent Tutoring System (ITS) accessible via the World Wide Web, which will help classify and identify different European vegetables. Pieces. An evaluation system of adaptive testing is being developed using the ITS diagnostic module. The test creation generation has a whole set of tools that allow students to self-assess with accuracy based on their proficiency level and help teachers in exam development and design as well as identify students with difficulties in creating learning profiles. This system has provided a temporary student model. This model system can be used as a standalone tool on the WWW (SIETTE system) or as part of a diagnostic module in any ITS for students who want to give feedback or to estimate the initial proficiency level in any subject (RERE module). Our ITS courses use a knowledge base. It aims to join the dynamic format of the computer adapter test with the temporary student model and the advantages it offers as a learning tool to WWW and therefore as an assessment method.

Rashid Et. Al. "Web-based online examination system called Exam Management System (EMS)" [2], EMS conducts exams and auto-grading for student exams and supports conducting exams, collecting answers, auto-marking submissions and preparing exam reports. EMS supports secure login, multi-instruction, and portability features. However, other features: Ability to resume random query selection random query distribution and random selection distribution is missing.

Fagbola Et. Al. "Computer Based Test System (CBTS)" [3], As flexible and online learning mediated by ICT becomes more widespread, there is a growing need for teachers to consider assessment methods using the same tools. Computer Based Test (CBT) is an effective measure for assessment of group learning. Although a variety of e-assessment approaches and mechanisms have been developed in recent times, the lack of flexible timing functionality for automatic logging of candidates after the stipulated time expires, resulting in integrity, stand-alone deployment, lack of flexibility, robustness and scalability as well as human error. The main limitations of the existing platform are. In this paper a web-based online examination system has been developed to address the above shortcomings. This exam is designed to facilitate the exam process and to manage the challenges of conducting the exam, self-submission, self-marking and preparing the exam result report. Conceptual designs for the developed system, including Data Flow Diagram (DFD), Use Cases and Entity-Relationship Model (ERM), were also presented. Hypertext Markup Language (HTML) and Microsoft Visual Studio 2012 Integrated Development Environment, when Microsoft SQL Server 200 is used as the database backend, the programming used for front-end development of the system. The CBT system was evaluated at the Federal University, OA-Ekiti, Ekiti State Prometric Center. Performance appraisals were performed by two hundred and fifty (250) volunteer users of the CBT system, and average performance scoring shows that the system excels in terms of reliability, robustness, and flexibility with ease of use of the graphical user interface. Volunteers include software developers, students, lecturers, and network engineers. Tests using this web-based CBT system to evaluate large numbers of students from various educational institutions around the world proved this.

3. PROBLEM STATEMENT

The problem with the current system is that students take their exams manually. This outdated system will be in use for a long time; The manual procedure used to conduct the examination is a time consuming process. With more time being used for lecturers to bring question papers and answer sheets and students need more time to write their exams, the current system of giving multiple choice exams is not satisfying the students. We don't save the environment by using more paper than the manual process of taking exams, we are in a world where we really need to take care of the environment.
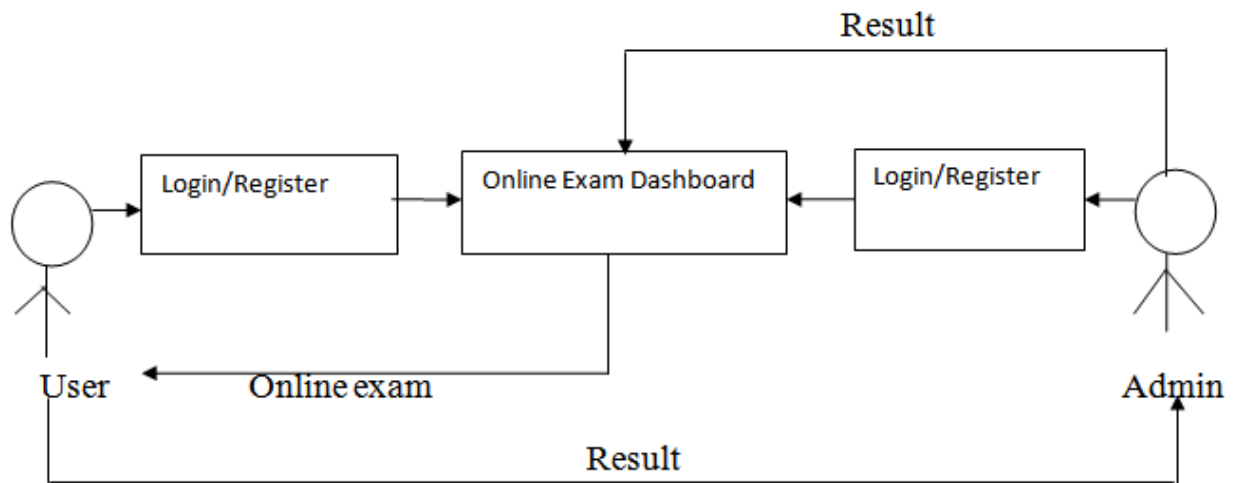
4. ARCHITECTURE

Fig -1: Architecture of Online Objective Exam

5. MODULE DESCRIPTION

1. Admin Module:

- Login -Admin would be having a login account. He can add questions in the system and their respective answers.
- List of Exam -Admin can view total list of exams.
- Question Answer Addition -Admin can add or delete questions from the system.

Fig -2: Admin Module

	Admin Side	Exam User			Logout	

Online Exam List
Add

Exam Title	Date & Time	Duration	Right Answer	Wrong Answer	Result
Java	12-12-2020 14:00 PM	1 Hour	10	10	10
C ++	12-12-2020 16:00 PM	1 Hour	12	10	12
Data Structure	13-12-2020 10:00 AM	1 Hour	08	10	08
OSY	13-12-2020 12:00 PM	1 Hour	15	5	15

Fig -3: Admin Side Page

2. User Module:

- User Registration/ Login- User taking the test must first create an account in the system by registering themselves and then can login into the account to take test.
- My Exam- User can choose my exam and select exam.
- Exam Page- User can solve the objective exam in given time.
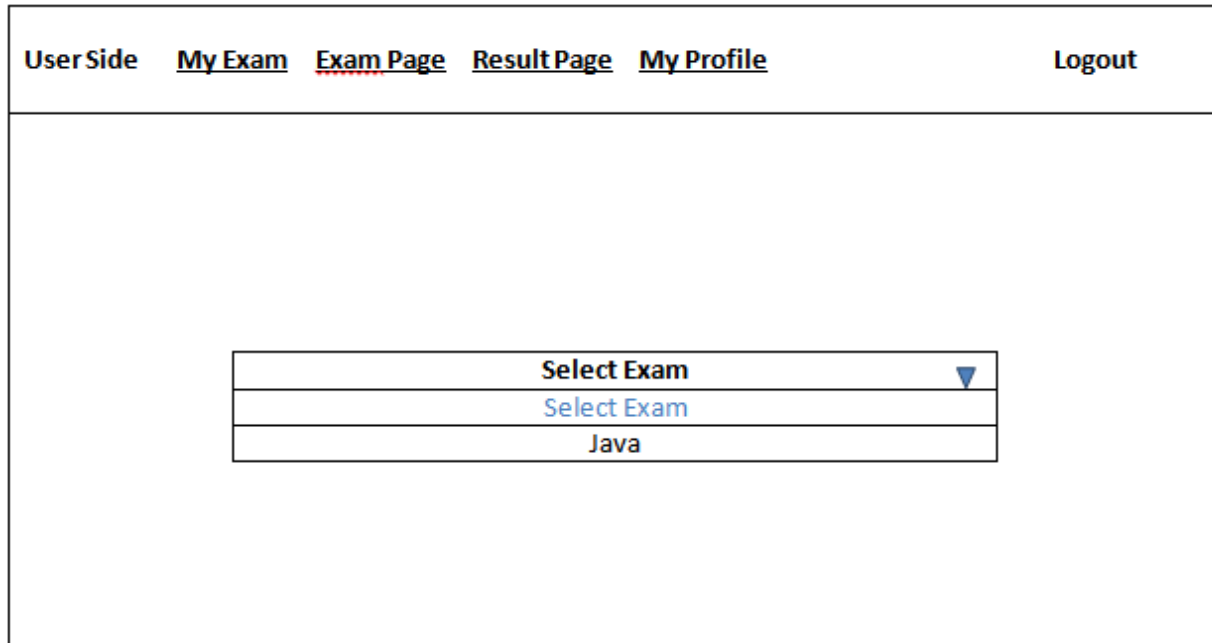
User Login

Enter Email Address:

Enter Password:

Login

Register

Fig -4: User Module

Fig -4: User Side Page

6. REFERENCES

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