

College (DRIEMS) Examination Portal

Ms.Priyanka Mandke, Mr. Shazim Khan, Mr. Talha Khan

Department of Computer Engineering, DRIEMS, Neral, Maharashtra.

Abstract - College (DRIEMS) examination portal is a web based. The main working of the examination portal is to take online test in an efficient way. It reduces the various activity like no time to waste in check the answers this portal checks automatically and displays the result which questions have attempted, which have not attempted and which are correct and wrong, and resources like papers, answers sheets and any kind of document records of marks. Basically it is more secure examination portal because it does not take any kind of sensitive data. It is designed to facilitate the examination which supports multiple-language categories, question displays randomly in every time and displays difficulties level and difference of marks. In each and every new examination the portal shuffle all the questions from the database, because of its the chance has decreased to memorizing the questions and its pattern and reducing the chances of cheating. This examination portal is developed to tackle with online objective type questions where this portal analyzes students answers which are depends on the difficulties of questions. There are categories list is present authorized user can select the category from the list whatever user wants to give test and attempt the examination. Effective use of examination portal administrator can use this portal create the tests as their requirement for get quite good results in minimum time. The examination has designed and implemented using Html, PHP, Javascript and Mysql database. These all the capabilities make the examination portal to user friendly and more effective portal.

Keywords: Examination, PHP and MySql.

1. INTRODUCTION

1.1 Background/Working

Online Examination System is an on-line test simulator to take online examination test in an efficient manner which not only prevents time wasting which occurs in manual checking of the test paper but also prevents human error. It helps students to offer a quick and easy way to appear for the test. It also provides the results immediately after the examination with efficiently. This portal have technical multiple choice questions, exact number of options. It also provides time limit. Reviewing question can done by students and admin. Objectives are web based online portal is to efficiently evaluate the student through a fully automated system that not only saves lot of time but also gives fast and accurate

result. Our online examination portal comprises of varies modules that efficiently handle the whole examination process like admin module, student module, exams management module and exam evaluation module whose are reduces the teachers repetitive work as far as possible.

1.2 About the project

In a current technology paper used examination is replaced with computer based examination. The manual method of traditionally written exams suffer various disadvantages. Some of disadvantages are waiting for results, wastage of resources such as pen, paper, collecting answer sheet. In now a days a variety of online based exams and tests are developed for different institute. Web based examination is an effectively designed for universities and colleges. The whole process of assigning test and evaluating their scores after the test, was done manually till date. It is very time consuming. Also it is difficult to keep the answer sheets being generated as well as the maintenance of the record of each examination. The chance of loss of records is high and record searching is difficult. Result processing takes more time and the presence of more invigilators is a must if there are more number of students to write the exam.

1.3 The Scope of Our Project

The main objective of this web based examination system is to efficiently evaluate the student thoroughly through a fully automated system that not only saves lot of time but also gives fast and accurate results. For students, they login and give the tests before the timer expires. They can give the tests according to their convenience and there is no need of using stuff like paper, pen etc. Administrators (Teachers) can login and view records of every student with their details and marks and can even add, delete & modify subjects & questions.

2. LITERATURE SURVEY

2.1 Existing System

In current days the online exam is been used in varies educational institute and colleges. There are many existing online examination websites having different features and

working module. The paper on “College (DRIEMS) examination Portal ” is based PHP and JavaScript & SQL server which are contain different modules.[1] “Stream Analysis Using Online Aptitude Test” created for Aptitude tests containing questions from different streams, scores in this test will help student to select a more appropriate stream.[2]“Online Examination System for MCQ’s” implemented for Time Constraint, Login Credential & Three level module- Security of system.[3]“Online Aptitude Exam Generation System” has developed with the functionality Timer based questions, gives feedback student learning & teacher teaching situation.

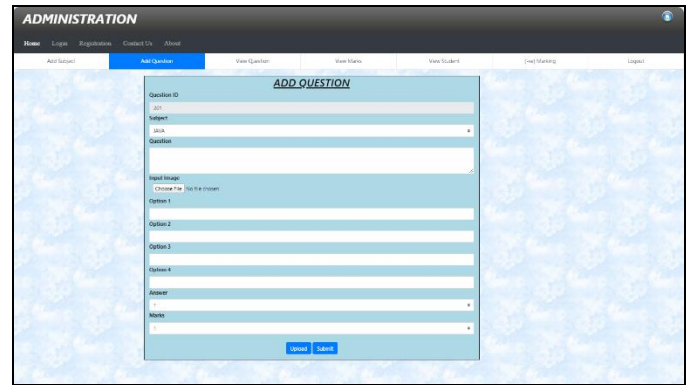


Fig2: Admin Add Question

2.2. Proposed System

The main purpose behind this proposed system is to provide a computerized system which can calculate the marks, manages test and analyze the answers from the given test questions. In this system only admin can modify, update, delete questions. First admin needs to add subject with unique ID afterward based on the subject categories admin can add the questions related to the subject into databases. This question can be normal technical MCQ's which may contain image, pie chart, linear graph. Only admin can view all questions, marks of students and admin has authority to have negative marking in quiz. College Examination System is a test simulator to take examination test in an efficient manner which not only prevents time wasting which occurs in manual checking of the test paper but also prevents human error. It also provides the results immediately after the examination with 100% accuracy and security.

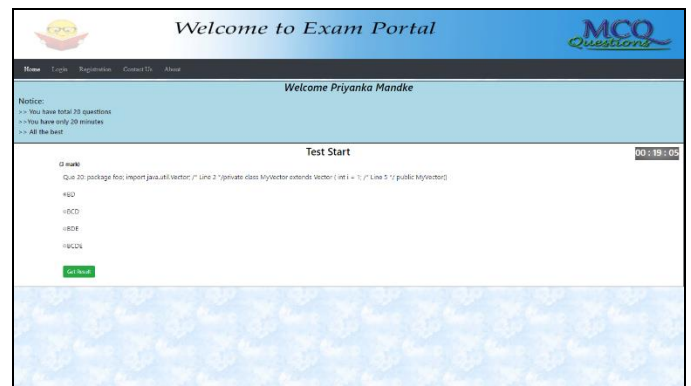


Fig3: Quiz Page

3. IMPLEMENTED SYSTEM

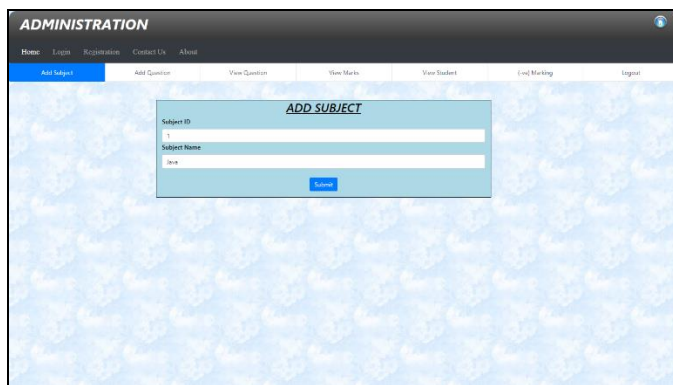


Fig1: Admin Add Subject

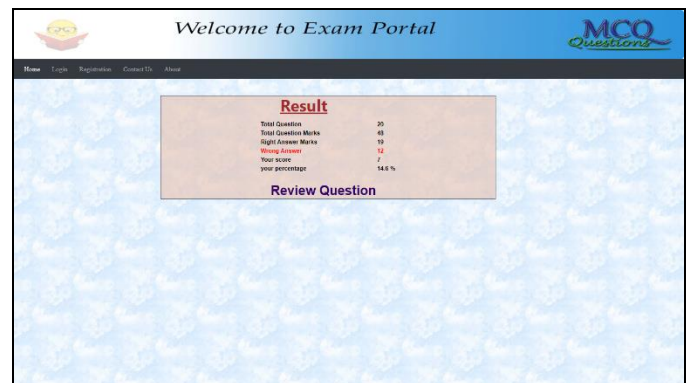


Fig4: Result

4. ADVANTAGES and DISADVANTAGES

4.1 Advantages

- 1) It does not spend time on evaluation.
- 2) It provides results instantly.
- 3) It is easy to access.
- 4) It is user friendly.
- 5) It provides security because of authentication.

4.2 Disadvantages

- 1) It has dependencies on Technologies like:-
 - a. Well Performance Computer.
 - b. Good Internet Connection.
- 2) There is no room for explanation your answers,
- 3) It shows only the correct answers.

5. FUTURE SCOPE

Current system provides only multiple choices but single correct answer selection. Faculty may wish to provide multiple choices multiple selection responses. Top score could be displayed on the home page; but this could be easily implemented while programming the home page. Sorting & Filtering functionality can be added for student's marks GUI can be much more enhanced using frameworks such as Angular JS etc. Also, we can implement features like sending of email of student's result to their respective parents.

6. CONCLUSION

This College Examination System developed using JavaScript, HTML5, CSS3, Bootstrap, PHP and MySQL fulfils the basic objectives of the system for which it has been developed. The system was tested with proper data. The system results in regular timing preparation of the required output. In comparison with the manual system, the benefit under a computer system considerable in to saving of manpower, working hour and efforts. It can be observed that the information required can be obtained with ease and accuracy in the computerized system. The user with minimum knowledge about computer can be able operate the system easily. Online message has been provided to help the user to take necessary, correct action while using the system. Various validation techniques have been used to implement accuracy of data in all formats of input. The system has produced all the report required by the management.

7. ACKNOWLEDGEMENT

We would like to express our gratitude and appreciation to all those who gave us the possibility to complete this project and this report. I and my team thank our head of the department Prof. Indira Joshi and our project guide Prof. Akshata Laddha for giving us the accessory environment to acquire knowledge and skill.

We would also like to acknowledge with much appreciation the crucial role of Computer Laboratory, who gave permission to use all required machinery, and necessary

material to complete the report special thanks go to our colleagues, who help us to assemble the parts and gave the suggestion about the source code.

We would also like to appreciate the guidance given by other supervisors as well as panels especially in our project presentation that has improved our presentation skills by their comment and tips.

8. REFERENCES

- [1] Afzaal Ahmad, Noor Ullah Khan, Arbab Waseem Abbas on PHP+MySQL based Online Examination System with Power Failure Handling and Dropbox Capability, IEEE Paper.
- [2] Zhang Yong-sheng, Feng Xiu-mei, BaoAi-qui on The Research and design of Online Examination System, IEEE Paper.
- [3] Zhu Peiping, Dai Zucheng on The Design and Implementation of the Examination of the Examination System Based on the Word-VBA, IEEE Paper.
- [4] Jaychand Upadhyay, Kevin D'cruz, Vinnay D'souza, Chinmay Timande, Vivek kumar, Radhelal on Stream Analysis Using Online Aptitude Test, IJLERA Paper.
- [5] Rishish Mohan Bhatnagar on Online Examination System for MCQ's, IJRET Paper.
- [6] Sanjay Kumar Singh, Arvind Kumar on Design and Implementation of Secure Computer Based Examination System Based On B/S Structure, IJRET Paper.
- [7] Hitesh Bhavsar, Ramchandra Kawale, Prof. Prashant Sawant on Online Aptitude Exam Generation System, IJRET Paper.
- [8] Rajkumar Shah, Ahmed Tanwar, Malav Shah, Shreyas Pandey on Online College Portal, IJRET Paper.
- [9] Bagwan Khajabhai, Bhosale Yogesh, Narute Anil D. & Dhotre Virendrakumar on Online Examination System e-Examination, IJTRD Paper.
- [10] Prof. Haresh Barapatre, Prashant Hadapi, Monish Lokhande on Online Aptitude Test, IJTRD