

Review on Case Study of Exam Management System using PHP

Rutvij K. Bubane¹, Abhishek B. Mulik², Gaurav R. Waghmare³, Prasad R. Bhosale⁴,
Pratik S. Deshpande⁵, Dr. S. B. Thigale⁶

UG Scholars, Department of Computer Science and Engineering^{1,2,3,4,5}

Guide, Department of Computer Science and Engineering⁶

SVERI's College of Engineering, Pandharpur, India

Abstract: *The purpose of Examination Management System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.*

Keywords: Online Exam System, Relational Database, Score Management, Admin Management.

I. INTRODUCTION

Presently, if the teachers conduct any examination, they have to check the answer sheets manually which is time consuming and the generation of results manually might result in errors.

Online examination helps students of schools/ College/ Institutes is to offer a quick and easy way to appear for the exam. It also provides the results immediately after the exam. The students have to enter valid user id and password to attend the exam. This examination project provides time limit to finish the exam. The user can see their results after completing the exam.

II. OBJECTIVE

The main objective of the Project on Examination Management System is to manage the details of Examination, Students, Courses, Session. It manages all the information about Examination, Branch, Session, Examination. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Examination, Students, Branch, Marks. It tracks all the details about the Marks, Courses, Session.

Functionalities provided by Examination Management System are as follows:

Provides the searching facilities based on various factors. Such as Examination, Marks, Courses, Session

Examination Management System also manage the Branch details online for Courses details, Session details, Examination.

The main purpose of designing the Online Examination System is to reduce the time of taking examinations of the students manually. There are some advantages factors of this system which are given below:

1. The Online Examination System reduces time of taking manual examination of students.
2. This system will work efficiently and correctly as far as computer technology is concerned.
3. This system will provide better security and transparency in the examination.
4. It tracks all the information of Students, Branch, Courses etc.,
5. Manage the information of Students.
6. Shows the information and description of the Examination, Marks.
7. To increase efficiency of managing the Examination, Students.
8. It deals with monitoring the information and transactions of Courses.
9. Manage the information of Examination.
10. Editing, adding and updating of Records is improved which results in proper resource management of Examination data.

III. LITERATURE REVIEW

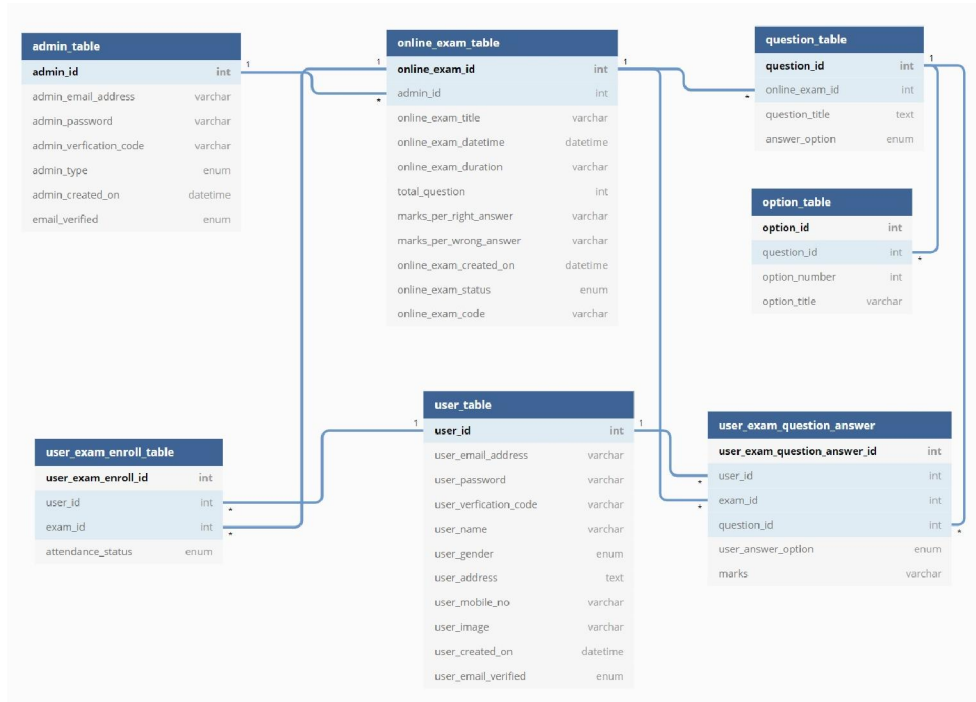
Offline exams which are conducted in the classroom under the supervision of an invigilator are somewhat different than the online exams in which the candidates appear for the exams from their home with the help of electronic devices. In the world of internet, all task has been done through internet, so we have decide why exam has not conducted through internet. For converting current exam system into digital exam system, we have build this small Online Exam system project. If this system has been built in professional level then it will automate our existing examination system into digitized exam system. In this system, it will require less labor force for execute system and it will be more accurate and less time consuming and at the same time we can conduct more persons exam at the same time and it will publish result in a very short time. Below you can find benefits of Online Examination System. If this system has been implemented then examination will not be limited into four wall of class room, but student can take part into exam from any place.

Independence of location and time are some of the crucial advantages provided by the online exams for both the educational institutions and the students. The online exams are created especially for home based education which is not restricted to any particular location.

The online examination platforms provide a variety of security features for supervising the candidates during online exams. These features are developed using the best security protocols and advanced algorithms. These features are designed in a way to stop the students from cheating or carrying out any sort of malpractice in any way possible. Due to the presence of different types of remote proctoring mechanisms such as image based, audio based and video based proctoring, it becomes impossible for the candidates to cheat during online exam.

IV. MAIN FUNCTION

Database Schema:



1. Admin Dashboard

- It is a main page of teacher after login. All data of the exam is present here.
- It displays the total mathematical count of result published, total exams, total students, total subjects and the classes, Also it shows analytics of students data.
- Logout button has been given at right top corner on clicking over profile image.

2. Admin-Subject Table

- In this page teacher can view the list of subject with subject name and when the subject is created.
- There is button of enable and disable to enable and disable functionality of subject.
- Teacher can change the subject name by clicking on action button.
- Teacher can add subject by clicking on + sign .

3. Admin-Student Table

- In above page teacher can view the list of student with login credentials of student.
- There is button of enable and disable to enable and disable functionality of student .
- Teacher can change the student name by clicking on action button.
- Teacher can add student by clicking on + sign .

4. Admin-Exam Table

- This page is exam page
- It displays all list of exams name, for which class they created, result status, and publish result and view result action.
- Teacher can add exam for specific class by clicking on + button.

5. Student-Table

- This is student side.
- Student can view the timetable.
- Student can attempt the exam.
- Student can view result of given exam.

V. CONCLUSION

Online Examination System is a web application. The key concept is to minimize the amount of paper and convert all forms of documentation to digital form and to provide results of the examination as soon as exam is over.

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