Web Based Application for Online Examination System

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Abstract: - The Online Examination System is a web-based application which is designed using PHP, mysql, css and HTML whereas the PHP is used as a scripting language, css and HTML as the front-end design, mysql as the back-end for the project design. The online examination system is used to conduct the examination to the college / school / university students in the online mode. In this portal there are four main modules which performs the main functions in the web-based application. They are admin module, teacher / staff module, student module and the report. In the admin module, the admin can perform some of the operations like adding/deleting/viewing the teacher profile and uploading new schedule / viewing or removing the uploaded schedule. In the student module, the student can only write their exam.

Key Words: —*Online Examination, website, web application.*

I. INTRODUCTION

The online examination system is a web-based application where the educational institutes can conduct the exams in the online mode where as in the traditional method the students have to go to their colleges, schools or the examination hall which is allocated by the examination board member. So, the traditional methods of conducting examination takes long time and it is very difficult for the students to travel when the examination hall is located to far from their house. It helps also lecturers to upload the questions and answers in the database and they can see the students who fail or pass the exam. So now we developed the web-based application which is used to conduct examination through online here the students can attend their exams through electronic gadgets. And the students can take their exams from anywhere using the internet. In this online examination system, there are four important modules they are admin, student, teacher and the report module. In the admin module the admin as to login through the admin's id and the password. The admin can have only authority to manage the examination schedule and the add, delete and view teacher.

The next module is teacher module, the teacher also has some of the authority like managing the question paper and add, delete, view students who has been added. In the student module, the student has to login using email id and the password which is allocated to them. After login through that they can take their exams with the time allocated to them. And the last module is report module, this module can be accessed by student, teacher and the admin for seeing the results of the student who has taken their exams and that results report can be downloaded and can the printed.

II. SUPPLEMENTARY REQUIREMENTS

2.1 Increase the Quality of The Process:

The system facilitates the work of the staffs and the same time it must reduce the work load of the educational institutions with expected quality. Quality in the sense, the try to avoid the mistakes that are usually happen during the evaluation process because manual evaluation by the teacher. Make the interface simple as possible

2.2 Reduced Time:

To perform any task time is one of the important factors to consider whether the system not utilizes proper time, then the entire aim of the application is fails and the application is fails to reach the goal. So, time take to process all these activities should be less but the output should be effective.
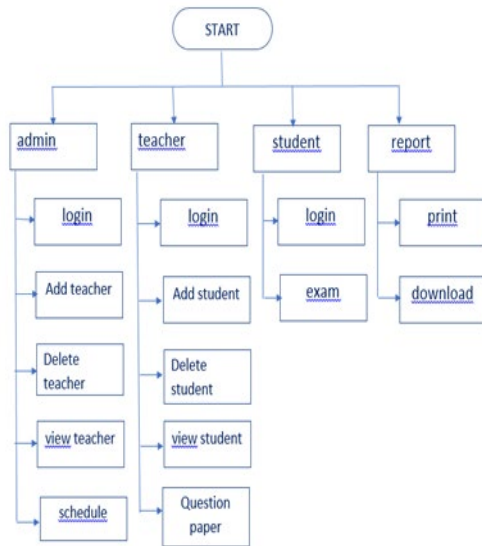
Fig.1. Project Flow Diagram

III. RESULT AND DISCUSSION

The study exhibits that the Application system has greatly simplified the manual system of correcting the answer sheets by the teacher can paper work so it takes more time-consuming process. All the users can come and view all the score and the results scored by the students who attended the examination. It's hard to find as per specification. Analysis of the answer which is written by the students is the more difficult job for the teachers because sometimes it won't be accurate. The teachers have problem to get the needed information of the students. The online examination system also having the necessary information of all the examinee and also the invigilator. This system is user-friendly, time and cost saving then reduces the manual work involved in the application. This system takes huge amount of data such as teacher and the teachers' details, and both the personal and the academic information of them etc. proceed easy by clicking some menu. We can say that the application can implemented with provide better efficiency and services. It will help the teachers to reduce the workload and the time to spent of reload the question paper. This system may have to update from time to time to scope with the requirements that would arise with time. Still, this system will help a lot to organize the records of the students and it is used to manage the examination schedule. Hopefully, it would be bugs free in the current form, but even if it's not it has been written in such a way that it's easily maintainable.
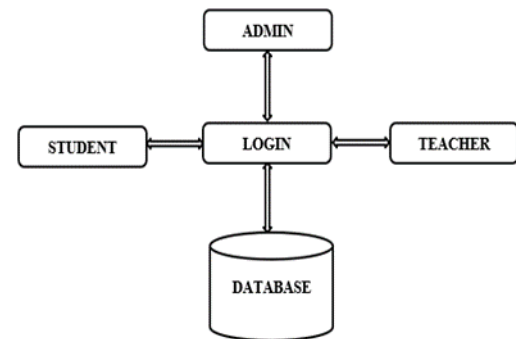

Fig.2. System Architecture

IV. CONCLUSION

Online examination system is a user-friendly system, which is very easy and comfortable to use. The system will be helpful for reduction in manual work so less manpower required. Students can view their question papers with the few seconds of login, the application has given full clarity in the system process to the students. Our system primarily focuses on building an efficient and user friendly to update the process of system to maintain the effective way.

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