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ANDROID & WEB BASED ONLINE EXAM MANAGEMENT

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ABSTRACT

The project of Android & Web based Online exam management system is implemented as Web application. This is use to conduct exam, schedule time and determining result automatically and display it. It overcomes the drawback of manual paper exam system, by using computerized automated exam system. Which minimizes the time of result error problem and also saves money. PHP is used as the programming language because it is open source, platform independent and Proven and Trusted. PHP used as a front-end language and MySQL used as database at the backend. In order to easily maintain storage of exam results of students for college server with accuracy,a modified approach of a betterdesign online exam management system with respect to importance of linking exam & the generation of answer key is the aim of project. In this way, this system will overcome the problem statement of manual paper checking and exam and it will help the teachers as well as the students.

KEYWORDS: My Sql, AuthorizationExaminor, PHP,Exam link.

INTRODUCTION

Android & Web based online exam managementsystem iseasy availability of access information on the internet these days, This system provide the different storage allocation for exam center. Online Exam System is very useful for institute to prepare an exam system, saves the time which require to check the paper and prepare mark sheet. It will help the institute for exam testing of students and develop their skills. But the disadvantages for this system, admin takes a lot of times to prepare the exam at the first time for usage. The effective use of "On-line Exam System"is any Institute or training centers can be use and develop the practice for exam strategy for putting the exams, and for getting better results in less time.

Online exam system question and subjectstore exam result can maintatin teacher and this system display specific server IP exam room. Some of the listed here student attending examthen this system automatically display students results. This system corelatethe relationbetween student's exam.

Because of the generation of online exam conduction here the paperless work is preferred & we recoment the use of the paperless work in the system.This project not only boost the over come of the mannualsystem, but also would be the innovative idea for this type of system. The dataretenduncy& consistency is maintain for long period of time, which is an advantage of this system.

GOAL AND OBJECTIVE

The goal behind the development of the system is that more accurecy& automatic generation of the result is focused which would reduces the paperwork. This will provide a more accuracy towords the new system. The moto behind of this system is that a modified version is to get introduced which would help the institution & organization or conduct the exam simultaneously which would be a consistence system, because of these features this project will be reffered by the universities, institutions and training centers. The system handles all the different operations, and generates various reports as soon as the test is finish, that includes name, score, time spent to solve the exam. Allow students to seequestion answers after the exam is finish. The type of questions is only multiple choice or true and false.
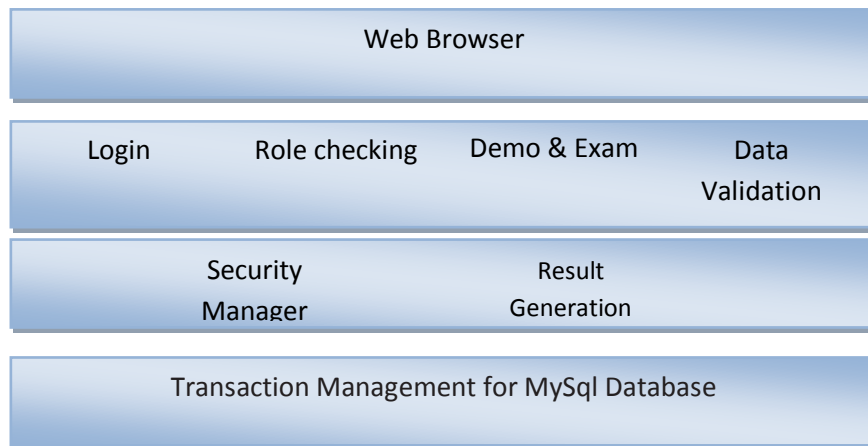
PROBLEM STATEMENT

As per the survey done on the different papers & project related to Online exam no one defined that this exam can be browsed through the mobiles, which would be advantage for the user to browser the exam link from the browser.Multasking of exam handling was not introduced which would create a inconsistency in the mobile

systems.Android& Web based Online Examonline exam system are designed which are based on the web application.

MATERIALS AND METHODS
ARCHITECTURE:
Android & Web based online exam system can follow and manage thestudentsonline exam practice and online exam link system, this application can work on desktop or android mobile to stored data. Examiner can put the demo exam test question and demo exam time but online exam test can apply this,firstly register account for student then start your exam linking.Figure show the proposed system architecture, in which follow the differents hardware and software components such as the readers, tags, different middleware, database server tools, application server management, hosts and local area network (LAN or wifi). All web application readers are mounted tonumber of the central of each exam center connected with existing campus LAN infrastructure. web application readers use Power over Ethernet system. All students and faculty members 'identity card converted with web application tag. Software running on application server receives number eventsstore exam results, which having tag different type of id, date, time, and exam room etc. These information pass through middleware system the LAN traffic which provides the filtering operation.

Web Browser

Login	Role checking	Demo & Exam	Data Validation

Security Manager	Result Generation

Transaction Management for MySql Database

Fig of online exam system

RunningOnline Exam or workit can automatically invoked on the store exam result show all the students and teacher tags as well as faculty tag due to runningexam run time. Detected row of web application data sends to middleware technology through LAN connection. Middleware perform web operation to remove unwanted and duplicated data, such as multiple same entry of various student's tags id, some garbage value of data etc. In Application server runs special software which search student exam id stored in permanent database can be scanned web application exam id, if exam id match then start the online exam operation.

We have seen years that the process of manual Online Exam management has been carried out across almost all section students. The process is not only time consuming part but can not inefficient resulting to the display on false marking of Online Exam. Today we need to the not maintain pen and paper based Online Exam registers. Following this thought, we have proposed an automatic Online Exam monitoring system based on the concept of web services which is implemented as an Android mobile application that communication between the database residing on a remote server. The android mobile application would require various connecting to the database using the GPRS or WiFi technology. This paper discusses the proposed system, overview of the various design, modules of the system and its implementation.

ADVANTAGES
- User Friendlymonitoring system
- Exam Results are easily generated
- Very less paper workrequired
- Computer operator controlsystem
- Today, most of the institutes are conducting their exams online to save time& cost.

- Online Examination System covers almost all type of problems of indirectly conducting online examinations.
- User can give any available exam at any available center as per user choice and availability.
- The results of the online exam will help a institute to list out the outstand exam takers all over the country or out of state.

FUTURE SCOPE

- Any institute or company can register their various types subject of certificate non-certificate programs to conduct an online examination for the same.
- Just register the programs, their fees if paid and the centers online pay where the exam will be conducted in order to start the examination process.
- Questions and answers would be aptitude and objective type and the format would be as per the company's choice.
- User can select the company, provide department online interview program, exam schedule and pay fees online in order to give his exam at the selected center.

CONCLUSION

This paper show to theAndroid & Web based Online Exam systemby using Web application is definitely based on the computer. In order to overcome the drawback of manual paper exam taking system, this project can developedmodule . Main goal students Online Examsystem directly go to exam panel and test for exam and directly linking for exam testwhich reduced the time consumption and error problem. PHP used as a front-end and MySQL used as the backend. Admin maintain the store exam results of students for institute with accuracy, we will design a best Online Exam management system.It is considered to be the important key of behind motivating this project. In this way, this system will remove problems of the paper exam system and will save the multiple times of teachers as well as the students.

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