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ijrset@gmail.com

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Online MCQ Examination Portal

Amrita Shirode, Atharva Tiwari, Krishnchandr Yadav, Ritvik Bharadwaj, Shubham Bhusare

Lecturer, Dept. of Computer Engineering, A.I.S.S.M.S. Polytechnic Pune, Maharashtra, India

Student, Dept. of Computer Engineering, A.I.S.S.M.S. Polytechnic Pune, Maharashtra, India

ABSTRACT: On-line Exam System is very much important for any Educational Organizations to prepare their students for any exams by saving the time. It will take check the paper and generate mark sheets as well. It will also help the Organization to test the students and develop their skills. But the disadvantages for this system are, it takes a lot of times when you prepare the exam at the first time for usage. The effective use of "On-line Exam System", any Educational Institute or training centres can use it to develop their strategy for arranging the exams, and for getting better results in less time.

KEYWORDS: Online Examination, Result Processing, Auto-Create, System Security, Web Software Solution

I. INTRODUCTION

With the computer and network technologies widely used, many computer applications based on Internet have been developed. Online examination system is the one which allows students or trainees to do exercise or tests through computer. It not only reduces the workload of teachers, but also achieves the objectivity and impartiality of examination. An Online Examination System is an Online test simulator to take Online Examination, test in an effective way and no time wasting for manually checking of the test paper. The main aim of Web based online examination system is to effectively evaluate the student exhaustively through a totally automated system that not only saves lots of time but also gives fast and exact results. For Students they give exam according to their convenience from any location by using Internet and there is no need of using additional things like pen, papers, etc. Online examination system helps students to offer a quick as well as easy way to available for the paper. It gives the results quickly after the examination with 100% accuracy. Student can enter to give exam only with their valid username and password. The online Examination contains multiple choice questions and appropriate number of options. There are no limitations on number of options and it can be randomized so same set of question will not come to all student so it forbids manipulation. More than one option can be right but the user can select only one option. This provides time limit. The user can see their results after completing the paper. This helps the students to give the exam from far distance and which can provide surety of protection and easiness and other beneficial features to the student.

II. RELATED WORK

Extensions are small software programs that customize the browsing experience. They let users tailor Chrome functionality and behavior in many ways, providing things like:

- Productivity tools, Web page content enrichment, Information aggregation and Fun and games

Extensions are built on web technologies such as HTML, JavaScript, and CSS. They run in a separate, sandboxed execution environment and interact with the Chrome browser. Extensions let you "extend" the browser by using APIs to modify browser behavior and access web content. Extensions operate by means of an end-user UI and a developer API. Introduced browser extensions for Chrome, Safari and Firefox flat book Facebook has remained more or less true to its design for years – Mark Zuckerberg, for example, chose the legendary shade of blue (HTML code #3b5998) because he is red-green-blind.

III. METHODOLOGY

The software methodology followed in this project includes the object-oriented methodology and the application system development methodologies.

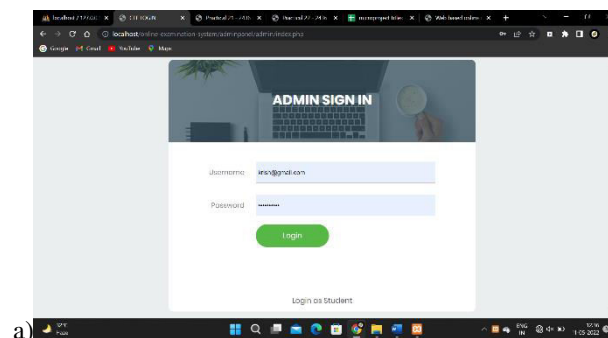
Although there are a growing number of applications (such as decision support systems) that should be developed using an experimental process strategy such as prototyping, a significant amount of new development work

continuetoinvolvemajor operational applications of broad scope. The application systems are large highly structured. User task comprehensionand developer task proficiency is usually high. These factors suggest a linear or iterative assurance strategy. The most commonmethod for this stage class of problems is a system development life cycle modal in which each stage of development iswelldefined and has straightforward requirements for deliverables, feedback and sign off. The system development lifecycleisdescribed in detail since it continues to be an appropriate methodology for a significant part of new development work. The basic idea of the system development life cycle is that there is a well-defined process by which an applicationisconceived and developed and implemented. The life cycle gives structure to a creative process. In order to manage andcontrolthe development effort, it is necessary to know what should have been done, what has been done, and what has yet tobeaccomplished. The phrases in the system development life cycle provide a basis for management and control becausetheydefine segments of the flow of work, which can be identified for managerial purposes and specifies the documents or otherdeliverables to be produced in each phase. The phases in the life cycle for information system development are described differently by different writers, but thedifferences are primarily in the amount of necessity and manner of categorization. There is a general agreement on the flowofdevelopment steps and the necessity for control procedures at each stage. The Online examination system includes below three modules:

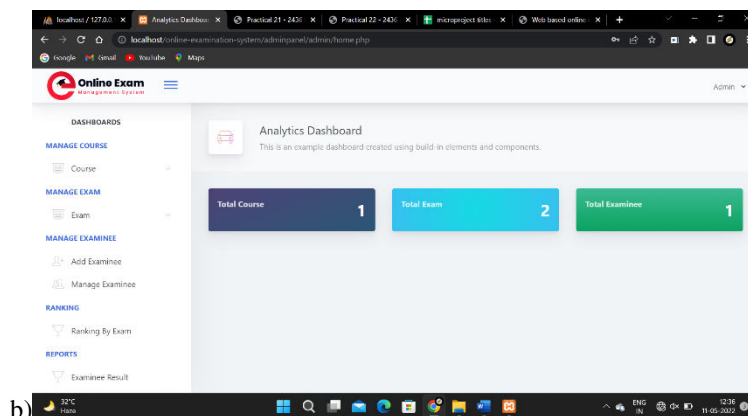
1. Admin Module
2. Student Module

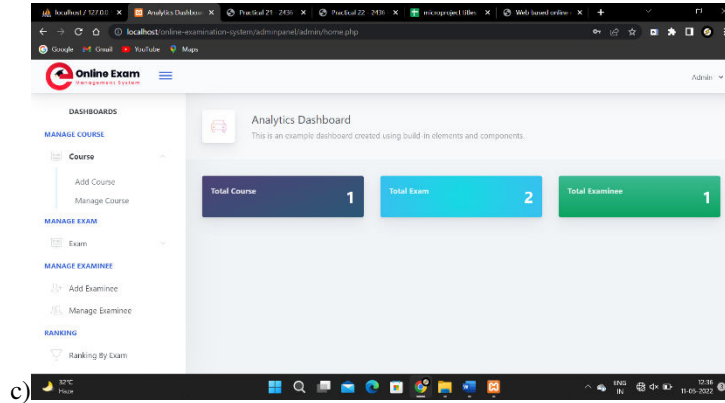
IV. EXPERIMENTAL RESULTS

Admin Sign in-

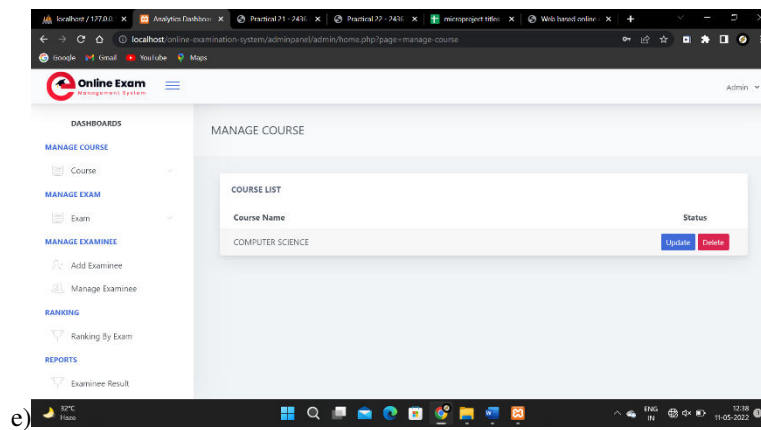
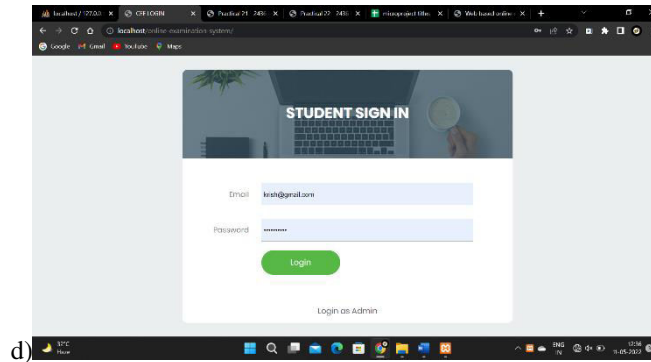


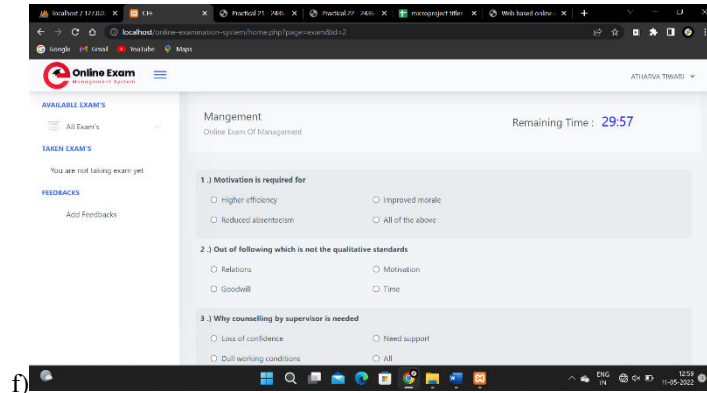
Admin Dashboard-



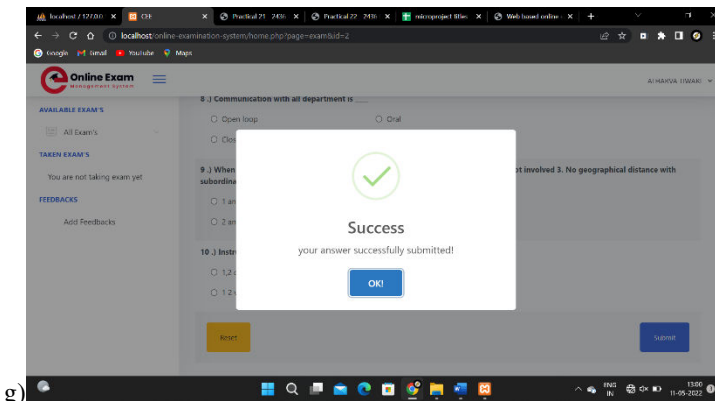


Student Sign In-

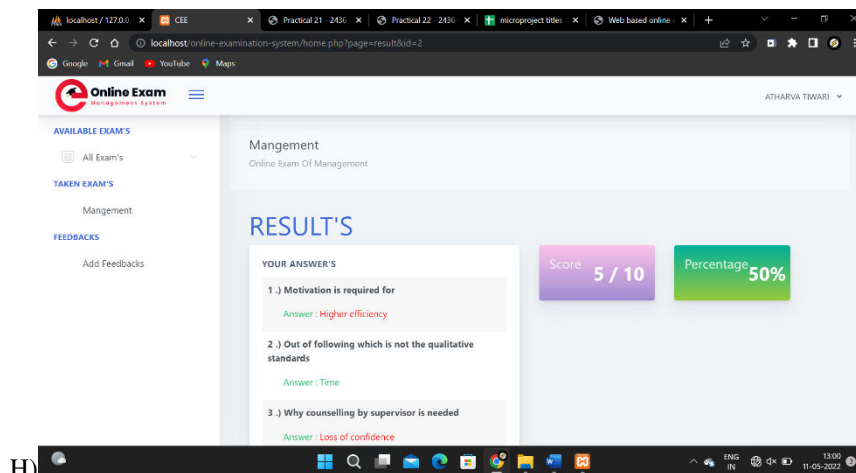




f)



g)



h)

V. CONCLUSION

With the use of this system, we can moderately conclude that: It can help the authorization of the educational institution to maintain the safety and integrity of its important data like record of attendance, exam results, etc. as the data shall instantly be transmitted on the cloud wireless. The authorities not need to worry about misplacement pervert of attendance registers or exam registers, etc



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