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TITLE: THE DESIGN AND IMPLEMENTATION OF ONLINE EXAMINATION SYSTEM

Komal Thete¹, Pooja Shivankar², Maseera Ahmad³, Subodh Gadling⁴, Asst. Prof. Aditya P. Bakshi⁵ (guide)

1student, Dept of CSE, J.D.I.E.T, Yavatmal, Maharashtra, India, gadlingsubodh@gmail.com

2student, Dept of CSE, J.D.I.E.T, Yavatmal, Maharashtra, India, komalt138@gmail.com

3student, Dept of CSE, J.D.I.E.T, Yavatmal, Maharashtra, India, ahmadmasira3@gmail.com

4student, Dept of CSE, J.D.I.E.T, Yavatmal, Maharashtra, India, Pooja.shivankar98@gmail.com

5Assistant Professor, Dept of CSE, J.D.I.E.T, Yavatmal, Maharashtra, India, bakshi.aditya.ab@gmail.com

Abstract

With the event of society, different varieties of examination appear constantly so development of Internet and network database, online education has become a crucial method in knowledge innovation, and application. So to attain the goals of informational and paperless examination and make the examination more efficient, convenient we present an internet examination system supported Web. The examination system contains user login and admin login, questions, online examination, sourcing, check results etc. User login is answerable for taking the exams whereas the admin login is answerable for adding questions, subjects and putting in rules for the scholars. The system helps the user to pick their test subject choice from the given set of subjects. While the admin login puts up the questions for the test. The results of the exam is displayed after the exam is finished. The system may be a stable online examination system and also the user and admin can effectively use this. The implementation of system efficiently provides teachers and students an interaction platform and improves the management level also.

Keywords- Web, PHP, the MySQL database; HTML, CSS, aptitude, bootstrap, quiz, online examination system

INTRODUCTION

The design and implementation of the online examination system plays an important role in a competitive exam, aptitude test of any company, which is an important means of evaluating the ability of people. Presently the online exam system model has two types: server site and client site. The system helps the user to select their career choice according to their interest in a particular field. That particular stream.

The important thing is that this technique may be employed in schools, colleges, coaching and institutes, also

can be implemented in several organizations that conduct regular exams. Also provision is provided for future developments within the system i.e., more modules may well be added to the system server. When student login to the server he/she get his/her profile already register. On the certain time student gets the message to start out the examination. All answers given by student are saved into the server with his/her profile information. Online examination system also allows to correct the solution if the examiner needed to alter any answer within the examination time duration, however, after the time

duration any change won't allow. This also makes checking the solution easy and error free as computers are more accurate than man and supply fast results too. Php may be a web base language so we will create an internet examination system in PHP.

Under this technique, questions are often stored and retrieved easily. The system checks the solution by matching the predefined answers in database and users answer. As a results of this, organizations are releasing leads to less time. It also helps the environment by saving paper in keeping with today's requirement, online examination project in php is incredibly useful to find out it.

In these system user having their user id and password with his/her admit card. This id is already saved within the examination Thus the system suggests the scholars which stream is best fitted to him/her, as their scores indicate their level of interest, skill and knowledge therein particular stream. The important thing is that this method will be utilized in schools, colleges, coaching and institutes, may also be implemented in numerous organizations that conduct.

2. LITRATURE REVIEW

Online examination program is a non-removable exam pattern of life today. We need more time savings and a more reliable method of testing, as the number of applicants increases every day. Due to its speed and accuracy, the Online Examination System has become a fast-growing examination process. Less manpower is also required to conduct the test. Nowadays, nearly all of the companies.

It breaks new ground in the field of education too. To improve the effectiveness of teaching and assessing the knowledge capacity of students, the design concept of the online examination system is to provide students and teachers with an ideal online examination system environment that provides users with convenient examination management experience and helps teachers. This program will support students too.

Current System is a manual and paper-based program that involves human staff to chalk out questions that appear in the question paper. Such teachers or professors choose the questions as specified by the textbook, based on the syllabus and pattern. A higher authority may then be referred to the question paper, which has the final say on these matters. It's not made easy. The data can be redundant. The Question Bank preparation process can be slow mechanism. There can be error in the preparations. Maintenance is difficult process.

3. PROPOSED WORK

System proposal may be a summary of the system analyst's add the business. System proposal is presented to the business owner to reinforce their business and become profitable. Online examination system save the exams information in an exceedingly database , teachers can add/delete questions, set the correct answers, specify the exam period, register students ,delete students , show questions for faculty students randomly, calculate and show the final word results for faculty students. Online examination system saves the exams information in an exceedingly database, and this make it a much better because of give exam teachers can add theirs exams rules , and student can give exam in an exceedingly totally automated system.

- 1] During this method, questions is also stored and retrieved easily. The system checks the answer by matching the predefined answers in database and users answer.
- 2] During this quiz test student must select their subject category, if they have to want test select subject category in dropdown list. After the test they're going to check their marks.
- 3] The Admin can add questions for streams, delete, update question, and might check results.

4. SYSTEM DESIGN

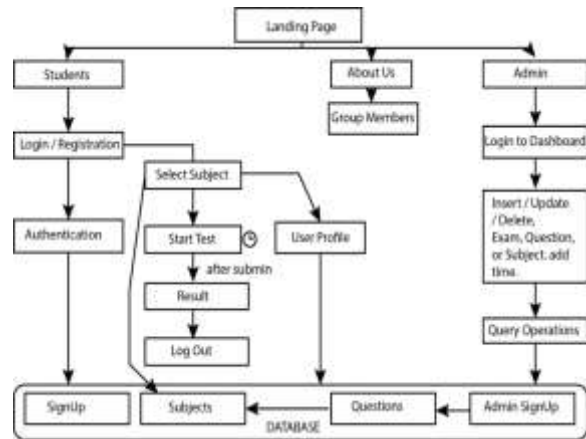


Fig 4.1. System Architecture

The system mainly includes user management, admin management, and score management. Once the user visits to the web site or homepage, he/she has to logins into the system. Login page consists of two things- one is that the admin and other is student. If the user is already registered then he can proceed for test if the user isn't registered has to enter the small print and has got to login again into the system. Admin

Login contains various functions like adding questions, editing questions, deleting the questions, he also can view registered candidates. Student login contains applying for test and if needed also can change the password. User/Admin gets logged out once the task is completed and session gets ended. Score management is chargeable for the results of the test.

5. CONCLUSION

In the paper, we present the architecture of online examination System. We are going to try and develop a system which will be free from errors, developed with much care and at the identical time more efficient and fewer time consuming. The positive point of our website is that it'll guide students to pick a more appropriate stream betting on their scores within the aptitude tests containing questions from different streams, Thus the system suggests the scholars which stream is best fitted to him/her, as their scores indicate their level of interest, skill and knowledge therein particular stream. The important thing is that this technique may be utilized in schools, colleges, coaching and institutes, may be implemented in numerous organizations that conduct regular exams. Also provision is provided for future developments within the system i.e., more modules can be added to the system.

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