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# A Survey on Online Examination Portal

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**ABSTRACT:** This document will include all features and procedures which are required to develop the system. This document includes special details about objectives of the system, system scope limitation, system process model, primary system requirements, team development, probable project risks, schedule of the, and finally monitoring and reporting mechanisms for the entire system. Online Examination Conducting Portal is very useful for Educational Institute's to prepare an entire exam, save the time that will take to check the paper and prepare mark sheets and secured by Face Authentication. E-Examination system will help to the educational Institute to test students and development their skills. But the disadvantages for e-Examination system, it takes a more time when user prepares the exam at the first time for usage. And to take the exam we require the number of computers with the same number of students. The effective use of e- Examination Portal, the coordinator can use this system to develop the tests as their requirements, and for getting better results in less time and secured by Face Authentication. ..

**KEYWORDS:** Examination Portal, Registration, Simple User Experience, Face Authentication, SMS, View Result

## I. INTRODUCTION

Online Examination Portal forms the lifeline of the Educational Institutes to the functioning of the Examination. It is very essential for an Institute to handle the Examinations and their results with security measures using Face Authentication. It is very useful for an Institute to test its students continuously for their mutual development. This system is helpful for conducting Multiple Choice Examinations which can be conducted regularly as well as for surprise tests and provides immediate results saving the precious time of faculties to check the papers and prepare mark sheets with security of Face Authentication. The IT initiatives have encouraged various Organizations to develop systems to facilitate their day-to-day operations. The Online Examination Portal will include various Courses and subjects for conducting examinations. This system helps in conducting examinations quickly securely and can thus help in saving time and the operations will be carried out efficiently. With the effective use, any Institute can apply the Online Examination Portal for conducting quick examinations and getting better results.

## II. LITERATURE SURVEY

Many different researches have focused on the subject of an online examination system these works can be represented as following:

Bhagwan et.al [1] This document will include all features and procedures which are required to develop the system. This document includes special details about objectives of the system, system scope limitation, system process model, primary system requirements, team development, probable project risks, schedule of the, and finally monitoring and reporting mechanisms for the entire system. Online Examination Conducting System is very useful for Educational Institute's to prepare an entire exam, save the time that will take to check the paper and prepare mark sheets. E-Examination system will help to the educational Institute to test students and development their skills. But the disadvantages for e-Examination system, it takes a more time when user prepares the exam at the first time for usage. And to take the exam we require the number of computers with the same number of students. The effective use of e- Examination System, the coordinator can use this system to develop the tests as their requirements, and for getting better results in less time.

Rishish et.al [2] examination systems are very popular these days due to limitations of our traditional examination system i.e., chances of human error, handling or records manually, time killing process of marks evaluation and it also need more time for preparation. Universities needs to deploy online examination system for their internal/sessional examinations. These types of examinations consist either MCQ or true/false based questions, which can be successfully conducted by online examination system.

Deepankar et.al [3] This Online Examination System is a software solution, which allows any industry or institute to arrange, conduct and manage examinations via an online environment. It can be done through the Internet/Intranet and/ Local Area Network environments. Some of the problems faced during manual examination systems are the delays occurred in result processing, filing poses a problem, filtering of records is difficult. The chance of loss of records is high also record searching is difficult. Maintenance of the system is also very difficult and takes lot of time and effort. Online examination is one of the crucial parts for online education system. It is efficient, fast enough and reduces the large amount of material resource. An examination system is developed based on the web. This paper describes the principle of the system, presents the main functions of the system, analyses the auto-generating test paper algorithm, and discusses the security of the system.

Choubey et.al [4] Online examination system is a web-based examination system where examinations are given online. Either through the internet or intranet using computer system. The main goal of this online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduce the required time but also obtain fast and accurate results. The main objective of our software is to efficiently evaluate the candidate thoroughly through a fully automated system there is no need of paper and pen. The user can write exam without going to the exam centre. Also, the website will provide a good.

Muna R et.al [5] Online examination system is a web-based examination system where examinations are given online. either through the internet or intranet using computer system. The main goal of this online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduce the required time but also obtain fast and accurate results.

Dipali et.al [6] Online examination was developed to examine the student's technical knowledge. Due to increasing in industry online examination came into existence for example like Aptitude test or placement purpose. In online examination students are available with one question and more than two answers, students are independent to choose their answer. In online examination system makes the result available at minimum time. The results are more accurate.

Rajesh et.al [7] The use of online tools to teach courses in various disciplines has gained popularity in the past decade. assessment is an essential activity to achieve the objectives of the course being taught to improve the teaching and learning process. There are several educational taxonomies that can be used to assess the efficacy of assessment in engineering learning by aligning the assessment tasks in line with the intended learning outcomes and teaching and learning activities.

### III. DISCUSSIONS

An online examination portal is an online platform that is dedicated to conducting online tests of any kind. Mega Exams is one such example of an online test portal that is free and accessible to everyone. These **online exam portals** provide the test maker and the test taker with multiple functions and features that make their exam comfortable securely using Face Authentication and free from errors. In other words, an online test software is a platform that is used to create online tests, set practice question papers, conduct online exams ensure student by Face Authentication and evaluate results instantly. Using such an online exam software makes exams more accessible and eliminates all the hinges of a pen and paper exam.

#### Advantages:

- Economical
- Quick Turnaround Time
- Highly Secure
- Easy-to-use



- Face Authentication

**Disadvantages:**

- Challenges in Technology Adoption
- Infrastructural Barriers
- Difficulty in Grading Long-answer Type
- Susceptible to Cheating
- Transitioning to Open-Book Exams

#### IV. CONCLUSION

Online exam portal is a user-friendly system, which is very easy and convenient to use. The system is complete in the sense that it is operational and it's tested by entering data and getting the reports in proper order monitored by Face Authentication. But there is always for improvement and enhancement.

#### V. FUTURE WORK

Online Examination Portal is widely used as compared to other exams. Online examination Portal can be used in private institutes as well as educational institution. As it is user friendly web base application it can be used anywhere and anytime. Every software may have some cases of bugs, errors, security related problems or system faults. There are many problems or system faults for example; computer collapse or crashes due to power supply problem will invalidate efforts of number of students. There are large numbers of chances in which software may produce wrong results or may display invalid data. These bugs must be identified and solved for improving quality of software. So, in future we can develop more secure software by using advanced technologies.

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