

STUDENTS ONLINE EXAMINATIONS APPLICATION

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ABSTRACT :

With the advent of technology, students are now looking for the best programs they can get from anywhere and anytime. Because of these needs, online education has become a viable, attractive option for business professionals, stay-at-home parents, and other similar citizens. In addition to flexibility and accessibility, many other face-to-face benefits, including system selection and time efficiency, increase the appeal of distance learning. The eExams have been asked about its suitability and sensitivity, especially for the purpose of examining a university-level student, although they are not competing tests. There is no doubt that screen visibility, readability and interpretation during the test are less questionable compared to paper. This paper therefore evaluates the effectiveness of screen testing compared to pen and paper tests. Student Tests in E-learning is transmitted far and wide monitoring from physical proctors. As a result of being able to cheat easily during e-exam, E-study universities rely on assessment a process in which students face each other face to face testing in a designated visual environment institutional buildings under supervised conditions, however this conflicts with the concept of distance E study area E. This paper will do investigate the methods used by the learner discovery of cheating in online tests, through continuous verification and online proctors.

Keywords- *Information Technology, Online exam, Online course, On Screen, E-learning .*

I-INTRODUCTION

Today, the Internet Testing System is regarded as a fast-paced test system due to its accuracy and speed. Under-examining staff is also required. Almost all organizations today, run their own tests through an online exam system, as it reduces students' time on exams. Organizations can also easily monitor student progress that they provide through assessment.[1] Online testing providers will focus on

creating powerful test questions and focus on conveying criticism to students. In the paper we present the relevant processes in the components of the assessment process: seating responses, electronic reviews, and post-seam criticism. Since advanced organizations are made up of robots and compliant PCs according to guidelines, they form the basis for the interaction of individuals, objects, and PCs in a high-quality organization.[2] Post-teaching screening of students - either online or physical - has become a teacher's favourite practice. Online too Physical exercises are two very important ways to assess students. Proper test calculates student skills and problem-resolving ability. The concept of an online education system came to the fore in the 1970's and over time, it gained more and more importance(Keegan, 1996). Many institutions have focused on an online testing program during the COVID-19 violence. Covid-19 prolife chaos and all human activities including teaching activities are disrupted. As people are directed to care the reduction of global population as a result; the online testing program gained additional importance during the epidemic. This the article covers what an online test was like and that cheating (which is very annoying) can be reduced. One of the benefits of an online program to help students stay connected to the course.[3] The Examination System was useful to separate teaching once to check. Encourage the teacher to do lesson planning once each in the classroom carefully. It was an important step as well examining the effect of teaching. Otherwise, it moved students to read honestly and attend lectures, to do their homework independently. Therefore, testing The program can improve the quality of teaching by providing better delivery Technical support. Within the Assessment Program we have developed, the teacher can set the points and the number of different types of ask according to their need. And then, Testing The system generated random test paper accordingly and needs. Finally, paper in standard format and its response can be extracted.[4]

II-LITERATURE REVIEW

In paper [5] was proposed that the descriptive test program contains tests of answer pages and attending theoretical examination online. The program contains candidate entries and login admin. The whole system will be managed by admin. After registration the candidate receives test-related information interest. In this program, the candidate may apply exam, he gets his test card through E-mail and go to the test there as well the result should be announced, this determines by administrator. Administrator edits test program and declaration of results. Him too edits question and answer sheets papers. The system checks the paper manually again, if the paper examiner gives incorrect marks the candidate system gives a warning to him. Idemo testing is also provided; model question and answers are provided with the help of candidate. In paper[6] was proposed that the Strengthening Quality and Integrity Learning Grade Rapid Internet development Internet-based use testing advanced testing tools. Inability to control the student reader back ground while taking tests be a an important examination of higher education. Anan unmistakable relationship exists between an increase in the number of exhibitions of deceptive nature and disappointment of institutions that offer courses to be tested and catch cheating methods. I a continuous article of academic uncertainty and transfer home power distributed by Chronicle Higher Education, U.S. Congress is concerned about quality as well the dignity of learning separately also became put language in the piece of law to restore the Higher Education Act that urges schools to fight fraud enough. The reason for this testis research on the establishment of flow once remote biometric frames managing test structures and screen readers taking web tests. Examination further suggest model to help reliability and environment internet testing; model covers face recognition program, video test frames, and PC limit editing into a frame work. By frame, online rating and management to check manage student issue ID and the world in which things are found enough however it also does not work a large part of the benefits of providing online job-based course. Biometric use a framework with a new updated system video predictions predict online the examination will expedite the conviction again student quality assurance success and reputation of the school. In paper [7] was proposed that can lead to a lots tress affecting the performance of testers. Restrict to the inspector's movements and keep his eyes glued to his monitor during the entire testing session. Still, it does not deter other help, for example, from a seated person on the side of the test takers, but a little farther away from his webcam view ,writing the answers on a piece of paper and sliding it underneath guard. Today, there are many rapid developments related to surveillance camera technology and features, such as 360-degree scanning, high resolution, both video capture and audio, etc. These types of cameras can be used by a proctor to provide him with a complete monitoring facility during an online test. They will make proctors to view both the tester and the test environment continuously

simple mode. They will allow the proctors to be more focused in any suspicious place without seeking examination stop his work and move the webcam. It's like a custom proctoring scenario when proctor rolls his eyes go around and go around students from time to time, the A 360 degree camera can give him such ability. Out side by making the inspector feel that he is still there he looked, it would make him think twice before trying to try cheating. In the event of the presence of any shocking events, An engineer can use a high-resolution camera capability zoom, sweep, or move the focus to a different position. For best use, these cameras must be portable internally to be easily placed in any proper position. In paper [8] was proposed that the Online testing is a very popular field as well you have made many security guarantees. Then it fails again cheating control. Online tests have never been done widely accepted, but online education is accepted and used worldwide without any exception security issues. An online test is explained in this project as one that happens over insecurity Internet, and when there is no proctor the same place as inspectors. This project is proposed a fully developed full-featured online test the management environment is governed by usage remote monitoring and control of ports and ports. The target domain for this project is the online one tests of any courses competitions at any level study, and university university exams lessons with students in different remote locations. This the project proposes a simple solution to the issue of security and cheating on online tests. This The solution uses advanced Security Control The program on the Online Exam which is based on group cryptography by e-monitoring system.

IV-EXISTING SYSTEM

The current framework is a manual in which clients store archives such as Student Information, Teacher Information, Schedule Details and Student Exam Ideas. It is very difficult to keep accurate information. The corresponding decline in the existing framework underscores the need for computers: A ton of duplicate research papers should be made. Too much repair work is delayed in delivering results Tons of segmentation activity for each learning outcome. Exam Pro Software: Exam Pro is automatic and easy to manage. The user can create their own unique tests / tests and controls and his tests are stored as files with the extension ".exam". Can reopen / repair files in Future. Related tests are saved using an encryption algorithm, so they can not is attacked by a hacker and is protected by two passwords. Normal password and administrator password. When the administrator says Questions you give time and marks. The administrator has full rights to can add, edit or remove questions .All can also add photos, audio,

video related test providers a more effective way for baptismal candidates to read and prepare for tests. Features: It helps to keep track of the child's performance. Provides email notification place. Provides a usage limit that allows the controller to run tests remotely and securely. It is fully protected from unauthorized access to the questionnaire.

V-PROPOSED SYSTEM

The Elearning management system provides the instructor with a way to create and deliver content, monitor student participation and evaluate student performance. The learning management system may enable students to use features such as series discussions and discussion forums. Programs can improve traditional education methods, while also saving organizations time and money. An effective system will allow educators and administrators to manage issues such as user registration, content, calendars, user access, communications, certificates and notifications. Among these resources, e-learning applications have their value as gold. E-learning applications have become the norm over the last 4-5 years and since their arrival, the overall education system has changed dramatically. E-learning incorporates the recommendation of parents and students from all over the world on related learning methods.

MODULES:

1 Admin login- they can create, update, view, students details and manage courses.

2 Teacher login they can create notification, view students and exam course information.

3 Student login they are watch the courses, attend exam online, view exam history.

CONCLUSION

Online learning has become a major player in the education sector. Even with the presences of rapid advances at technologies that are related to the online examination system, still, there are many challenges ahead. In this paper we have focused on the limitation and concerns regarding the online examination system the two main concerns were test integrity and student performance. Avoiding frauds and cheating attempts within online examination session without affecting test takers performance is considered to be very challenging in the online examination system.

REFERENCES

- [1] S Weaver, D., et al. (2005). *Evaluation: Web CT and the student experience. Evaluations and Assessment Conference.*
- [2] J. Wu, R. J. Tsai, C. C. Chen, and Y. C. Wu, "An Integrative Model to Predict the Continuance Use of Electronic Learning
- [3] Bawarith, R., Basuhail, A., Fattouh, A., Gamalel-Din, S. J. I. J. o. A. C. S., & Applications. (2017). *E-exam cheating detection system.*
- [4] LIU Yang, GAO Lian-sheng and WANG Bin "Study and implement of distribution system based on J2EE and MVC design pattern" *Computer engineering and Design(in Chinese).*
- [5] Moore, Michael G., Keasley, Greg. *Distance education: A systems view of online learning.* Cengage Learning, 2011. Mason, Robin. *Models of online courses.*
- [6] BhagyashriKaiche 1, SamikshaKalan 2, Sneha More 3 , LekhaShelukur,2014.
- [7] J. Wu, R. J. Tsai, C. C. Chen, and Y. C. Wu, "An Integrative Model to Predict the Continuance Use of Electronic Learning
- [8] Dulcii, found at <http://www.dulcii.com/wireless-wifi-ip-camera-hd-wifi-security-camera-surveillance-video-monitor-two-way-audio-and-night-vision> (last viewed 2019) Alkhateeb, Jawad Hasan. "A Framework for Ensuring Online Exam Authentication at Taibah University." *International Journal of Software Engineering and Computer Systems.*
- [9] WebBased online Secured Exam; B.Persis Urbana Ivy,A. shalini, A.Yamuna *International Journal of Engineering Research and Applications (IJERA).*