



Secure Exam

SAMEER JADHAV² SHIVPRASAD DESHMUKH³ PUJA GHOGARE⁴ TANMAY GHADGE⁵

Abstract- Today there are unit two types of employment and education: Distance education and ancient education. Mobile learning, or "M-Learning", offers fashionable ways in which to support learning method through mobile devices, like hand-held and pill computers, wise phones and mobile phones, MP3 players. Mobile learning area unit usually accustomed enhance the final learning experience of our students and teachers. However, implementing examination security in open environments where every student has her or his own pill or mobile devices connected to a Wi-Fi network through that it's additional connected to the online are usually one all told the foremost tough tasks. this method discusses the background of mobile learning and therefore the method it area unit usually accustomed enhance the entire eLearning system and introduces the subject of mobile learning for education functions. The system in addition highlights the benefits and future challenges of mobile learning in our tutorial environments in every on-line and offline mode. The system will discover & capture the face of the candidate be send to the admin, if candidate cheats, throughout the examination then system will terminate the examination and send a message on candidate's mail

Keywords: Security, M-Learning, E-Learning

I. INTRODUCTION

One definition of Mobile learning or M-Learning is, "any fairly learning that happens once the learner isn't at a bunch, preset location, or learning that happens once the learner takes advantage of the work opportunities offered by mobile technologies" (Mobil earn., 2003). in varied words, with the use of mobile device learners will learn anyplace and at any time (Crescent and Lee, 2011).

Mobile devices ar rather tons of among your implies that than desktop computers, and have a less costly technique of net access. Currently, the pill PCs permits mobile net access with equal or plenty of utility than desktop computers. The term mobile learning or briefly M-Learning refers to the use of mobile and hand-held IT devices, like mobile telephones, laptops, PDAs and pill laptop computer technologies, in work, learning and teaching. The mobile learning is thought-about as a results of the third wave of learning with mainframe and, desktop computers as a results of the primary and second waves. Some students could use their mobile devices in foreign language categories. utterly totally different students could use their mobile cameras to photograph blackboards, PowerPoint or the alternative important documents. use their mobile cameras to photograph blackboards, PowerPoint or the opposite very important documents.

II. LITERATURE SURVEY

Sr. No.	Paper Name	Author Name	Published Year	Advantages	Disadvantages
1.	Designing and implementing an adaptive online examination system [1]	Mustafa Yağci Menderes Ünal	2014	application of adaptive online exam system	Database design is difficult in such systems and requires much time to implement.
2.	A platform on the cloud for self-creation of mobile interactive learning trails [2]	Yiqun Li, Aiyuan Guo, Jimmy Addison Leeand Gede Putra Kusuma Negara	2013	1. Easy to use. 2. Users can access the web portal to create the learning trail anywhere using any platform. .	1. highly costly. 2. complex to implement as it required datasets.
3.	The social & mobile learning experiences of students using mobile e-books [3]	Jeff s. Kissinger,	2010	Students expressed feelings of competence, high self-efficacy, enhanced learning socially and within situated learning opportunities.	There was an increased for competence and high self-efficiency that they were already “early adopters” of technology. the students who did not use e-books were not studied and interviewed.
4.	Face Recognition on Consumer Devices: Reflections on Replay Attacks [4]	Daniel F. Smith, Arnold William and Brian C. Lovell	2015	The face reflection sequences can be classified under ideal conditions with a high degree of confidence	The system can not determine the physical limits.
5.	Student Oriented Mobile Based Examination Process[5]	Prashant K Gupta, Manvi Madan, Kajal Puri, Abhishek Gulati	2014	Examination System completely eliminates the drawbacks of the traditional examination system .	The examination system works only on mobile.

III. EXISTING SYSTEM

Using ancient matter passwords or PIN technique, users ought to kind their passwords to demonstrate themselves and so these passwords is disclosed simply if somebody peeks over shoulder or uses video devices like cell phones shoulder aquatics attacks have display an excellent threat to users' privacy and confidentiality as mobile devices are getting indispensable in fashionable life. within the period of time, the graphical capability of hand-held devices was weak; the colour and pel it may show was restricted. With the increasing quantity of mobile devices and webs services, users will access their personal accounts to send confidential business emails, transfer photos to albums within the cloud or remit cash from their e-bank account anytime and anyplace. whereas work into these services publically, they will expose their passwords to unknown parties unconsciously.

3.1 Disadvantages of Existing System

- (1) Security weakness
- (2) The easiness of obtaining passwords by observers in public,
- (3) The compatibility issues to devices,

IV. PROPOSED SYSTEM

This aims to acknowledge varied vulnerabilities that is in a position to violate assessment safety in M-learning setting and to deal the acceptable security military and countermeasures which will be place in place to create positive communication safety. It along aim to integrate the resultant secure communication system with Associate in Nursing gettable, open offer and wide customary Learning Management System (LMS) and its service extension to the m-learning setting, specifically "the Moodbile Project". to vogue a Secure communication Management System (SEMS) that meets the numerous security needs of m-learning environments and to integrate it with this Moodle/Mobile platform. this may end throughout an entire LMS that's each equipped with secure communication services and applicable for m-learning. Our intention of human activity SEMS with a typical LMS like Moodle is thus to induce the advantages of Moodle's readymade services in many learning aspects like course material administration, documentation, etc. that contain been expertise and valued for the last fifteen years. However, the projected SEMS might match as separate secure communication management system for m-learning setting whereas not integration with Moodle. The system highlights the advantages and future challenges of mobile learning in our tutorial environments in everyon-line and offline mode. In projected system ,the system can notice & capture the face of the candidate be send to the admin, if candidate cheats, throughout the communication then system can terminate the communication and send a message on candidate's mail.

4.1 Advantages of Proposed System

1. It has a Service Oriented Architecture.
2. Provide better security.
3. Can be access more lightly

V. SYSTEM ARCHITECTURE

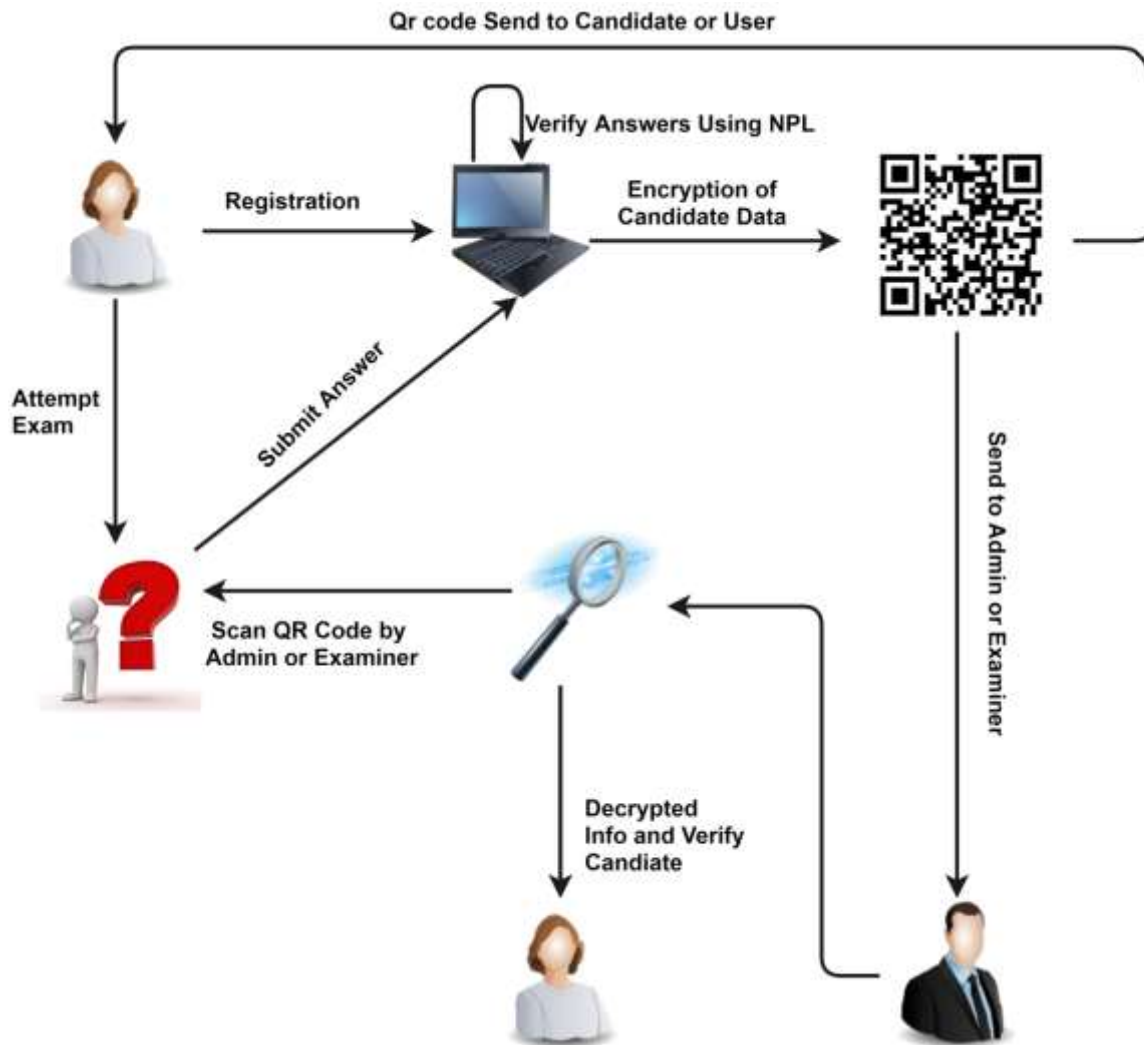


Figure 1. Proposed System Architecture

VI. CONCLUSION

This paper has mentioned the advance and need of the M-learning for the area education. The system highlights the advantages and future challenges of mobile learning in our instructional environments in each on-line and offline mode. It manufacture the association between education and technology possible. The learner includes peregrine, institutional, home, youngsters and adult users and conjointly the shape of learning environments includes networked, internet-based, distance, cooperative, synchronous and asynchronous will arise the interest of the new generation of distance learning. The paper has mentioned the background and therefore the means it's used to expand the total learning system used by varied students. The paper jointly provides highlights of the benefits and conjointly the longer term challenges in our tutorial environments. Finally, our learners, students and lecturers got to be prepared for consecutive generation of work and learning. it's used to solve the quality learning system problems by the user. Every students and teacher would really like a handy and proper system to act with each other and facilitate the teaching system. Technique do not appear to be

specifically to modify ancient faculty rooms but they will be helped to counterpoint the coaching method in our colleges, faculties and universities. We tend to used NPL for substantiating the answers. The system can find & capture the face of the candidate be send to the admin, if candidate cheats, throughout the communication then system can terminate the communication and send a message on candidate's mail detection, countenance info extraction, and expression classification. In these tasks, the data extraction is that the main issue for the feature based mostly countenance recognition from a picture sequence. It involves detection, identification and pursuit facial feature points underneath totally different illuminations, face orientations and facial expressions.

REFERENCES

- [1]Yağci, Mustafa, and Menderes Ünal. "Designing and implementing an adaptive online examination system." *Procedia-Social and Behavioral Sciences* 116 (2014): 3079-3083.
- [2] Li, Yiqun, et al. "A platform on the cloud for self-creation of mobile interactive learning trails." *International Journal of Mobile Learning and Organisation* 7.1 (2013): 66-80.
- [3] Kissinger, Jeff S. "The social & mobile learning experiences of students using mobile e-books." *Journal of Asynchronous Learning Networks* 17.1 (2013): 155-170.
- [4] Smith, Daniel F., Arnold Wiliem, and Brian C. Lovell. "Face recognition on consumer devices: Reflections on replay attacks." *IEEE Transactions on Information Forensics and Security* 10.4 (2015): 736-745.
- [5] Gupta, Prashant K., et al. "Student oriented mobile based examination process." *Parallel, Distributed and Grid Computing (PDGC), 2014 International Conference on.IEEE*, 2014.