International Journal of Scientific Research in Engineering and Management (IJSREM)
Volume: 06 Issue: 06 | June - 2022 Impact Factor: 7.185 ISSN: 2582-3930

DIGITAL[D]-ASSESSMENT

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Abstract- Digital assessment is the presentation of evidence, for judging achievements, managed through the medium of computer technology. Digital Assessment (DA) is the delivery of Assessments, Tests, etc... measures via digital devices such as computer, Tablets, Mobile Phones. Online Test and Offline Test Assessments are the part of D-Assessments. Traditional frameworks are implemented for D-assessments but there are various kinds of challenges to achieve accurate results in processing. Some of the Proposed Systems are Identified from various research methodologies. The two major assessments like Online and Offline tests are selected, merged and proposed to implement in a single environment. The Implemented automated system acts as a Tool for Digital Assessments to help in higher institutions

Keywords- Online Test and Offline Test Assessments, E-R Diagrams, MySQL.

I. INTRODUCTION

The D-Assesment means Digital Assessment . Assessments are an important method of evaluating the success potential of students. This research effort the individuals under consideration were students who would be enrolling in computer courses or Technologies Registrations. A prototype of a web-based placement examination system is described from the standpoint of the research effort, end user, and software development
An on-line educational system including exam processing and electronic journal features . An instructor builds a course based questions which on-line contain in identification of assignments. Which are compiled into an on-line exam syllabus?

Users enrolled in the platform may access the electronic details they provided and perform various functions with the on-line educational system in order to participate in the on-line examinations. Users can receive an on-line exam, having multimedia content, for the course, and they can electronically provide answers for the exam. And after Completion of their duration of exam they are provided the grade or marks secured in their examinations.

II. AIM & OBJECTIVE

The objective of the Online Examination Tool is to provide better information for the users of this system for better results for their maintenance in student examination schedule details and grading details.

III. EXISTING SYSTEM & ITS LIMITATIONS

Existing system is a manual one in which users are maintaining books to store the information like Student Details, Instructor Details, Schedule Details and feedbacks about students who attempted exam as per schedule... It is very difficult to maintain historical data.

LIMITATIONS

1. A lot of copies of question papers have to be made
2. A lot of correction work hence delay in giving the results
3. A lot of tabulation work for each subject results.

IV. PROPOSED SYSTEM & ITS ADVANTAGES

This application is used to conduct online examination. The students can sit at individual terminals and login to write the exam in the given duration. The questions have to be given to the students. This application will perform correction, display the result immediately and also store it in database. This application provides the administrator with a facility to add new exams. This application provides the instructor add questions to the exam, modify questions in the exam in a particular exam. This application takes care of authentication of the administrator, Instructor as well as the student.

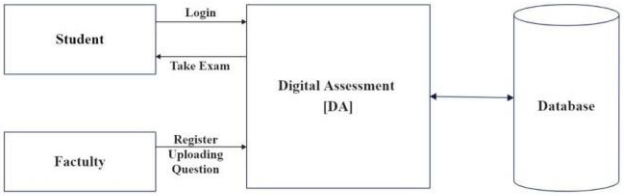
V. E-R DIAGRAMS

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represents data objects. Since Chenwrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:
•it maps well to the relational model. The constructs used in the ER model can

easily be transformed into relational tables.
•it is simple and easy to understand with a minimum of training. Therefore, the
model can be used by the database designer to communicate the design to the
end user.
•In addition, the model can be used as a design plan by the database developer to
implement a data model in a specific database management software.

VI. SYSTEM ARCHITECTURE

System Architecture The administrator module, coordinator and student modules include their part of functions to the Online Examination. The initialization of the Online Examination is done by the ADMIN. The administrator adds registered information of the users to the Online Examination system database and edited or deletes it as needed. The coordinator inserts the questions to the question paper of the Online Examination in subject wise manner. The question numbers are automatically generated. The complete subject wise results of students can be viewed by the exam coordinator and administrator at any time after the completing the exam. The student only has to login to attend the exam and after completing and submitting the exam the result is immediately generate. The complete working procedure of the project.



VII. MODULES

FACULTY MODULE

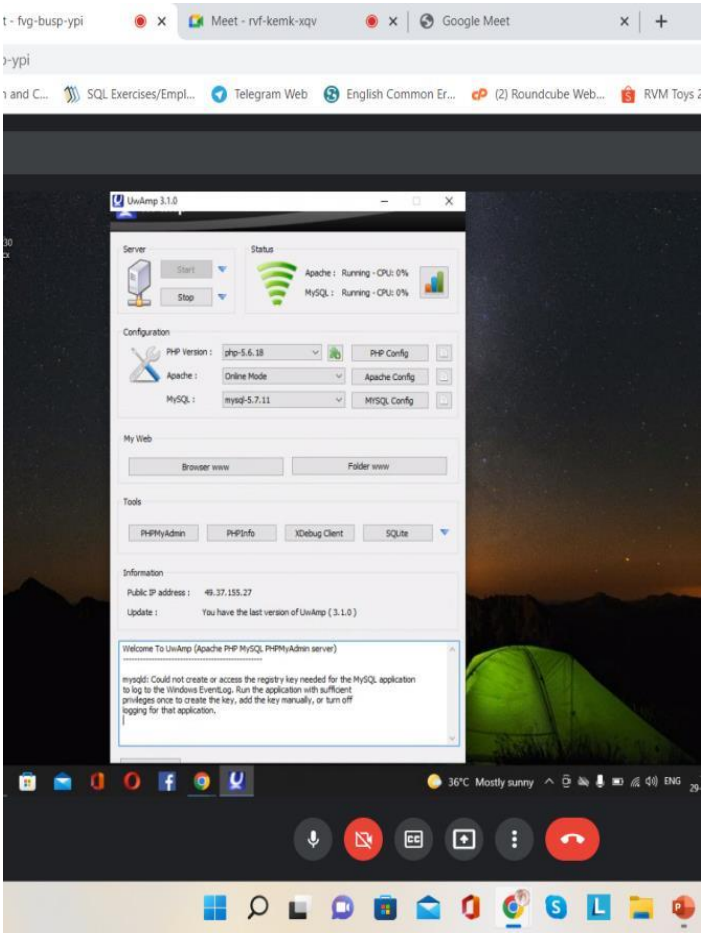
- REGISTRATION
- LOGIN
- ENTER INFORMATION OF STUDENTS AND FACULTY
- ENTER QUESTIONS AND ANSWERS
- MODIFY QUESTIONS
- LOGOUT

STUDENT MODULE

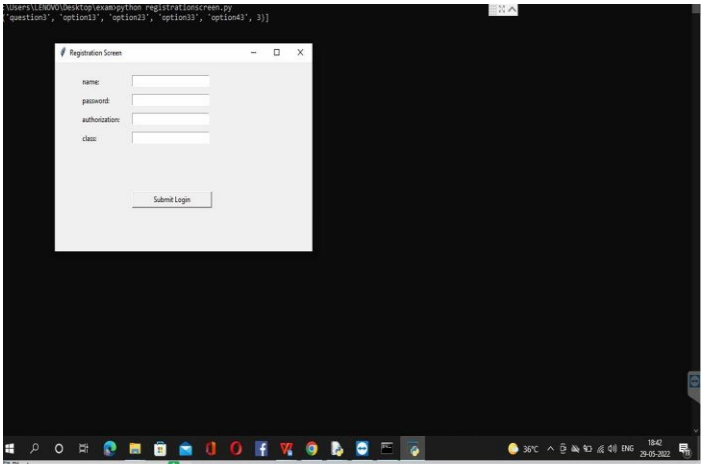
- LOGIN
- EXAM MAIN
- FILE UPLOAD
- SCORE CARD
- LOGOUT

VIII. FINAL OUTPUT

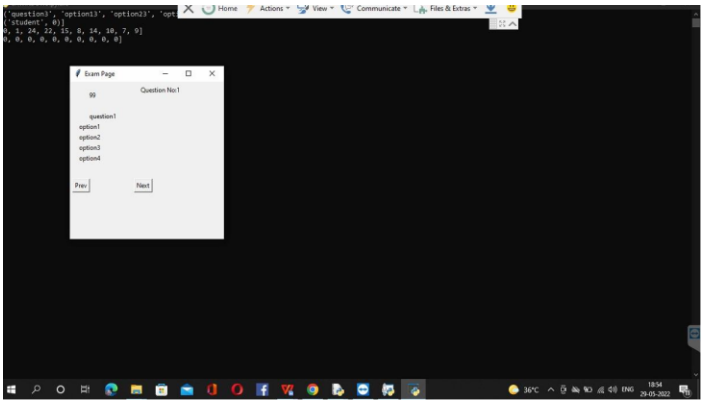
SERVER STARTING:



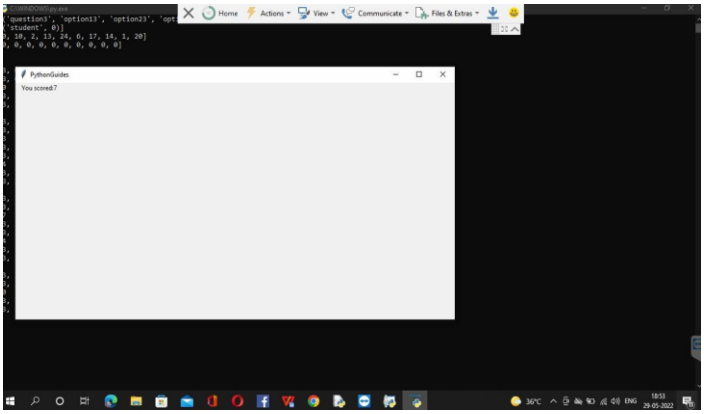
REGISTRATION FORM:-



OFFLINE ASSESSMENT:-



SCORECARD:-



CONCLUSION

Using an open source language gives us more flexibility, but at the same time it required more time to the proposed Digital[D]-Assessment can be easily adopted by universities and institutions in order to make the exam more secure and more flexible. The system is subdivided into two main subsystems (student and administrator) that are designed to give the system maximum benefit by demonstrating carefully each subsystem service. The administrator's functions are clearly identified to be able to manipulate user's information such as add (register), delete users and managing the exam materials and content such as add, delete questions, Thus the proposed system is easy and flexible because for future maintenance and development because each subsystem can be handled separately without influence on other system.

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