ONLINE EXAM SYSTEM

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ABSTRACT

Internet is the means for people to communicate, fulfil their needs and exchanging ideas. Applications on Internet is playing very vital role now a days. Internet made this world into aglobal ville. Now a days Internet is means to full-fill your desire at mouse click and roam around the world sitting in front of your computer .This Website gives information about the Libraaa Computer Education, which provides certificate courses in computers. It has branches all over the city. The main screen appears which consist information about how to follow through the application. Once the client selects his option from the homepage, he will be forwarded into the details. If the user wants to know about the history of institution he can click on ABOUT-US and the details of the courses available in this institution can click on COURSE DETAILS. If the user is the new person he can register his User-id by using student registration form. If the student already registered can write the examination. Information regarding the details of the student will be displayed in the browser and a client can fulfil the details and can register in the institute that the management will keep in touch with him. Details of the course will be displayed from the course information module.

Keyword:- *PHP, web applications, examination systems, database, web server.*

1.INTRODUCTION:-

Online Examination System is a technology-driven way to simplify examination activities like defining exam patterns with question banks, defining exam timer, objective/ Subjective question sections, conducting exams using the computer or mobile devices in a paperless manner. Online Examination System is a technology-driven way to simplify examination activities like defining exam patterns with question banks, defining exam timer, objective Subjective question sections, conducting exams using the computer or mobile devices in a paperless manner.

Computerized and online systems have been increasing in every aspect of education. Information Technology plays a very important role in nowadays education. Computers and internet have made dramatic changes in the education system. Information technology enables institution of high learning to save time and money, and allow the delivery of education with easiness, anywhere, and anytime. Paper based books are replaced by online and off-line applications. With computer software, we can be able to have access to huge databases of information. This gives fundamental change to the education. Information technology makes the exchanges of information fast and easily. In the modern era, technological progress has minimized the information in the world. Advancement of technology has many advantages in education and all business industries that use it. With the use of the technology advances, the transaction became more rapid, accurate and efficient. As time goes by computers have become more useful for every transaction. Online Examination System for introduction to management is an application that is designed and

developed for students and lecturers. The system helps students to take examination. It helps also lecturers to upload the questions and answers in the database and they can see the students who fail or pass the exam.

1.1 Definition

An online exam is a type of virtual exam undertaken on a computer device (desktop, laptop) using the internet. One can give and take an online examination from any location remotely. Most online exams are invigilated either through human proctors or through various types of proctoring software or using a mix of the two.

Online exams, also known as virtual exams, enables examiners to conduct exams using the internet for remote candidates. In an online examination, candidates are expected to answer the questions on their systems. The test window closes once the exam is over. An online exam does not have to be in an MCQ format – it can be written in any desired form. Online Management System store all records of your Online in a single Database System, so it becomes very easy to search any record if needed data into a more readable, user friendly format.

1.2 Objective

This project is aimed at developing an online examination system for introduction to management for students and lecturers. The purpose of the system is to completely automate the old manual procedure of conducting exam to a computerized System. I will provide a more efficient examination system. The system will allow students to register and take the exam. It enables also lecturers to perform many tasks. The system has several functions. The users will do the registration before using the system. The lecturers can upload questions and answers; he can view the list of all students who take the exam. He can view the list of students who have grade A, grade B, grade C, grade D and those who fail the exam. The lecturers can send emails. Once logging, the students can choose the subject and take the exam. After finishing using the software the users have a logout function that allows them to sign out. This is because the system wants to ensure no external users can exploit the system**.**

2. LITERATURE SURVEY & REVIEW:-

2.1 Overview

Computerized systems have been increasing in education nowadays. Information Technology plays a very important role in education. Computers have made dramatic changes in the learning system. Information technology enables education institutions to save space and time, and allow the delivery of education services with easiness, anywhere, and anytime. For instance physical libraries are replaced by online libraries available to anyone; anywhere in the world students can interact with lecturers online whether live or via video. With computer software, we can be able to have access to huge databases of information. This gives fundamental change to the education system. Information technology makes the exchanges of information fast and easily. With the growth of IT a lot of data can be found in online library. We don t need to have a physical library in order to read books. Computers are a powerful tool used in all aspects of our studies. We use multimedia technologies to convey ideas, build projects. Information technology enables students to do distance learning, method of learning at a distance instead of learning in a classroom. Communications technologies create possibilities, both individual and institutional, for an unprecedented expansion of homebased learning, much of it part-time. Information technology provides systems that allow students to perform many tasks in an automatic way and not manually. Students can take exam using computerized system; they don't need paper-based exam. They save time and money when using computer system in their studies.

2.2 Existing System

They provide an online Examination System to universities. It is a web-based system developed in Php and MySQL. The examination consists of different types of multiple choice questions. The questions are selected at random keeping the proper weightage for the various topics. The answers are evaluated and the marks obtained for each along with the answer given by the student are stored in the database. The examiner can get the results immediately in various forms - the general marklist, the detailed general mark list where the marks obtained by the student in each topic of the subject is shown as well as the answer sheet of each student. The trends graph show the graph of

how many students have passed in each topic of a particular subject as well as how many students have passed in each subject . There is also the provision for a Trends graph of comparing how many students have passed topic wise in each subject at the midterm as well as final exams if there are two exams for the subject. The software maintains the details for each student as well as provides a facility for editing the student details if required. There is Password based access for Individual Answer Sheet, General Mark Lists and Trends Graphs.

 Authentication is provided Via Sessions and the password is stored in encrypted form (MD5 hash) in the database. This Online Examination System in PHP and MySQL can be modified and customized to suit the need of any Educational Institutions, Primary and Secondary Schools, Colleges, Professional and Vocational Institutes, Universities or Training Academies. This software is particularly suited to conduct competitive exams like recruitment exams and Common Extrance Tests (CET) of various states as it will save valuable time spent on assessing the answer books and the results can be obtained immediately.

3.METHODOLOGY:-

Main methodology activities held during the research is acquiring information and knowledge about online examination system through reading books, and researches that were previously done in related area. All the research materials were obtained over the internet, Wikipedia and other websites. Next step taken is reading, comprehending and analyzing literature review and matching information obtained. This research emphasize online examination system, which include usability, user-friendly interface, reliability, costing and meeting needs of target users.

4. DESIGN:-

4.1 Overview

Billions of people around the world use social media to share information and make connections. On a personal level, social media allows you to communicate with friends and family, learn new things, develop your interests, and be entertained. On a professional level, you can use social media to broaden your knowledge in a particular field and build your professional network by connecting with other professionals in your industry. At the company level, social media allows you to have a conversation with your audience, gain customer feedback, and elevate your brand.
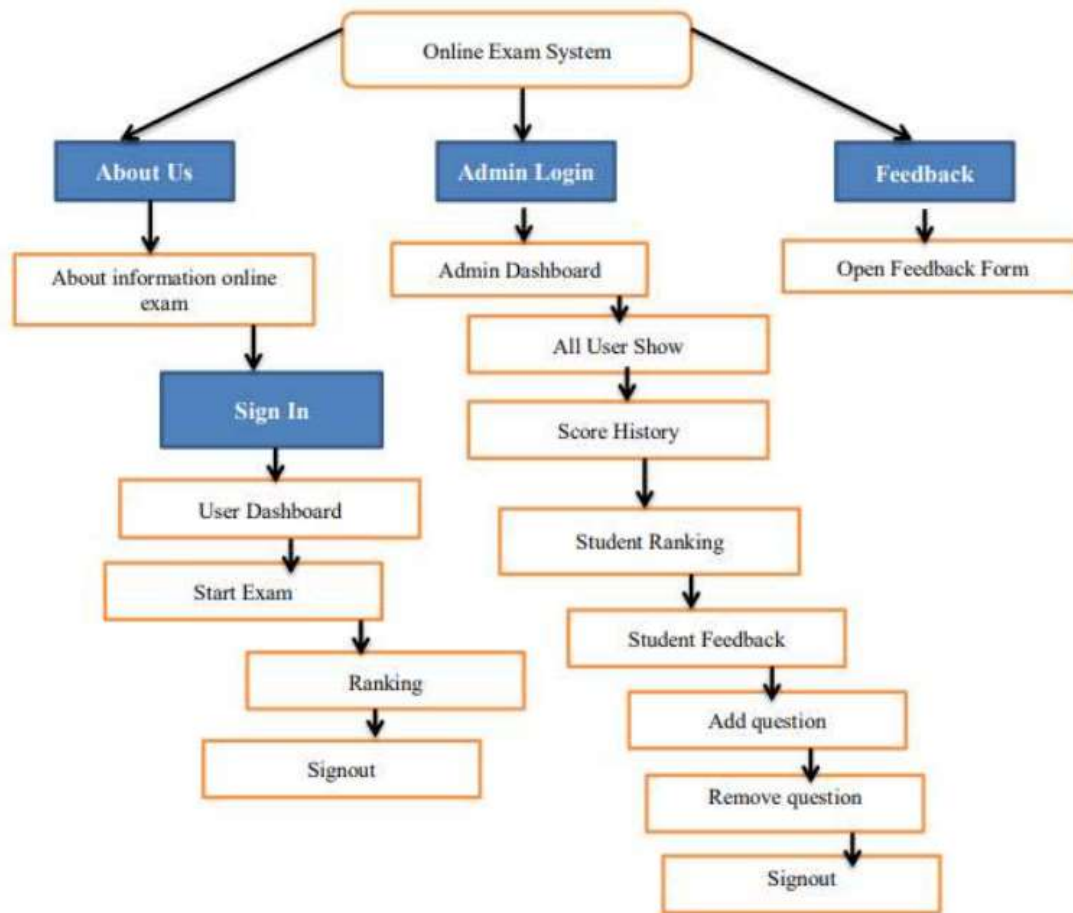
4.2 System Flow Diagram

Fig 4.2: System Flow Diagram

4.3 Database Design

A database is an inherent collection of data with some inherent meanings, designed, built, and populated with data for a specific purpose. The following guidelines are been followed during the database design:

☐ Descriptive names for the tables, columns and indexes
☐ Singular names for tables and columns
☐ Proper data type for each column

This document describes the tables that are used to design the software, its attributes, data type, constraints, and relationship among these tables. The relationships among tables are defined via E-R Diagram (Entity-Relationships). A diagrammatical representation of relationships between an entity and its attributes is referred to as E-R model. ER model concentrates on the structure of the database and design of the database.ER model is mainly used in the design of the conceptual schema in database design. An entity may be an object with physical or conceptual existence. The properties that are used to describe the entity are called attributes. Entities that do not have key attributes of their own are called weak entity type. The relationship type that relates a weak entity to its owner is called identifying relation of the weak entity type. A weak entity type always has a total participation constraint with respect to its identifying relation.

5. RESULT & CONCLUSION

5.1 Result Analysis:

The study suggests various advantages on quality of life for daily users of social networking sites versus nondaily users. Daily users are better able to handle stress related to relationships and work; they are more satisfied with their classmates, the way they handle the problems, and their physical appearance. The prevalence of physical and social health problems among daily and nondaily users of the SNSs showed no significant difference. Currently, Internet use might not have reached the levels where it embarks on the existing state of health. Continuous and critical observation of the changing trends is therefore warranted.

5.2 Conclusion:

In conclusion, social networking sites can be helpful in ways such as having easy access to information, educational information, election information about presidential candidates and keeping in touch with friends and family. Social networking sites can also be viewed in a negative light because they seem to alter a child's brain, harming social and communication skills, and causing issues at places of work with employees. Social networking sites can affect Americans positively and negatively.

6. ACKNOWLEDGEMENT

7. REFERENCES

Books for Front End: -

BOOKS	AUTHORS
☐ The Complete Refernce	Steven Holzner
☐ Web Technologies Black Book	Kogent Learning Solution
☐ PHP,MYSQL &javaScript ALL-IN-ONE	Richard Blum
☐ Murach's PHP and MYSQL	Joel Murach and Ray Harris
☐ PHP Project for Beginners	Sharanam Shah

Books for Back End: -

BOOKS	AUTHORS
☐ Fundamentals of Database System	Elmasri Ramez
☐ MySQL	Vikram Vaswani
☐ Learn SQL with MySQL	Ashwin Pajankar

Websites:-

1. www.google.com

2. www.microsoft.com

3. www.php.net

4. www.w3schools.com/php/php_intro.asp

5. www.w3schools.com/php/php_mysql_intro.asp

6. www.wowonder.com/

7. https://codecanyon.com/

8. https://javapoint.com/
9. https://www.javapoint.com/mysql

10. https://www.javatpoint.com/php