Topic Choice 1

Project Synopsis

for

Web Designing

by

Name

Reg. No. /Roll No:

A PROJECT SYNOPSIS

Submitted to the

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BACHELOR OF COMPUTER APPLICATIONS/MASTER OF COMPUTER APPLICATIONS
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Introduction

The Online Examination in PHP is a simple project also known as e-examination process for taking and giving the examination/test online. The project contains an admin side and the user side. The admin is of two types: a head and teachers. The head admin can view and manage the users, their results, create teacher admin, can view the feedbacks, and manage the users. While the teachers can set the examination papers, look at the scores and rankings. The purpose of taking the online exam is to reduce paperwork and offering quick and accurate results. Also, this online method needs less manpower to execute the examination.

The users are the students who want to take part in this online exam. A user has to login to enter the exam competition. If he/she has not registered, they can register first and then login. The users can also send suggestions and feedback from the home page. This project is a very simple project that makes a convenient way for any organization to check the performance of the students and rank them according to their doings.

Objective

- To provide an interface through which student can appear for examination online for objective type questions.
- To provide registration for students done by themselves.
- Objective answers will be checked automatically by the system from the database.

Scope

Technological advancements in this era of digitization along with being a boon to the world have been advantageous to the educational sector too. The introduction of online exam software replaced the conventional system of pen paper-based assessment.

Before proceeding further let us understand the concept of online examination software. Exam software allows users to take online tests and automatically generate results based on the answers marked by the users.

Let's now discuss the reasons for the introduction of online examination in the modes of conducting an pen paper-based assessment.

1) Conduct Exams Effortless: Computer-based tests as a method of conducting an assessment enable users to manage an exam easily. The functionalities of an exam software such as user-friendly dashboard, support for multiple question types and formats, detailed reporting, automatic instant results help in smooth conduction.
2) Prevents Cheatings: Cheating amongst the test-takers in the examination hall is one of the major drawbacks of pen paper-based assessment. Online examination managed avoids the possibilities of secretly using unfair means to get the right answers. The presence of various functionalities in exam software prevents cheating irrespective of the test taker's location.

3) Safe and secure data: Various tools offered by exam software have enabled the assessment conducting agencies to manage the crucial data related to examination questions and test-takers safely.
4) Reduce administrative burden: Organizing and running exams online not only reduces an organization's administrative burden but also saves cost and time. Online examination with its objective to make evaluation massive but simple, cost-effective and faster has replaced the pen paper-based assessment.

Literature Review

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

Proposed Method

The proposed system students can sit at individual terminals and login to write the exam in the given duration. This system performs correction, display the results immediately and also store it in the database. This system provides the administrator with a facility to add new exams. This system provides the instructor to add questions in 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.

Advantages:

- It saves paper. You never have to print a question paper for your students and hand them out.
- It saves time. You can setup an exam in such a way that it will auto-grade itself. e it saves administration money.
- It saves the student money.
- It's more secure.

Tools to be Used

1) Software requirements

Operating system: Windows

Server: XAMPP

Client Side (Front end)

- HTML
- CSS
- Java scnpt

Server Side

- PHP
- MySQL

2) Hardware Requirements

Processor: Intel core i3 and above

Ram: 2GB and above

Hard disk: 10GB and above

Result and Analysis

1. Admin module
2. Teacher module
3. Student module

Admin:

Admin gets login with a valid username and password. Admin can have the complete access to the application. Admin can view the information of the students and faculty. Admin can view details of all users and results of all users.

- Exam details: Admin can view name of the exam, total number of questions, total number of marks, positive marks, negative marks, total duration.
- Student details: Admin can view student name, gender, college, email, mobile number, ranking, feedback. he can remove student.
- Add/Remove: Admin can add/remove teacher.

Teacher:

Teacher gets sign in with a valid email and password given by the admin. Teacher have complete access to upload questions.

- Topic details: Teacher can view name of the exam, total number of questions, total number of marks, positive marks, negative marks, total duration.
- Student details: Teacher can view Student scores, ranking.
- Add/Remove: Teacher can add/remove questions.

Student:

The student will get registered by entering their details. Every student will be assigned a unique username and password to write the examination. The student can get result soon after completing the exam.

- Take exam: Student can take exams from given topics.
- Details: Student can view results, history of exams attended.
- Ranking: Student can view Ranking: Students can view ranking

Conclusion and Future Work

The package was designed in such a way that future modifications can be done easily. The project online examination successful in providing better information for students in conducting the online examination. The application takes the online test in an efficient manner and no time wasting for checking the paper. The application simulator is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves a lot of time but also gives fast results.

- Automation of the entire system improves the efficiency
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.
- Multimedia feature support.
- Integrate learning material.

References

Websites

www hrozyiechcom

www. phippomtecom

www.tuloralspomt com