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SYNOPSIS

**ON**

**Online Examination System**

Submitted By: Submitted To:

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**Title of the Project:**

Online Examination System using PHP and MySQL.

**Objective:**

The main objective of this project is to develop an Online Examination System that provides a platform for conducting and managing online exams. This system aims to streamline the examination process, reduce administrative workload, and provide a user-friendly experience for both students and administrators.

**Scope:**

The system will allow teachers to create exam questionnaires by adding questions and options. Students can login and take exams as per exam schedules. The system will automatically grade MCQ based exams and generate results. Focus is on MCQ type questions.

**Methodology:**

This project will utilize PHP as the primary programming language for server-side scripting, along with HTML, CSS, and Java script for the frontend. MySQL will be used as the database management system. Additionally, the system will be hosted on a web server for online accessibility.

**Proposed System:**

The online exam system will have an admin panel for teachers to create exams and schedule them. Students can login and take exams. Exams will be auto-graded based on MCQ question bank in the database. Results will be instantly calculated and made available to students.

**Features:**

1. User Authentication (Admin, Instructor, Student)

2. Question Bank Management

3. Exam Creation and Scheduling

4. Timer for Exam Duration

5. Automated Grading and Result Generation

**Implementation Plan:**

1. Gather requirements (4 days)

2. Design system architecture (5 days)

3. Develop database and admin panel (7 days)

4. Implement student exam interfaces (7 days)

5. Testing and bug fixing (5 days)

6. Deploy the system (4 days)

**Team Members:**

1. Arpit Mishra (Developer)

2. Priyanshu Kumar (Developer)

3. Devansh Kumar (Database administrator)

4. Vishal Sharma (Tester)

**Resources Required:**

- PHP Development Environment

- MySQL Database Management System

- HTML/CSS/JavaScript Editors

- Web Server for Hosting

- Internet Connection for Online Access

**References:**

1. Welling, Luke, and Laura Thomson. "PHP and MySQL Web Development". Addison-Wesley, 2016**.**

2. Multiple Choice Exam System in PHP and MySQL - Tutorial

**Expected Outcomes:**

By the end of the project, we expect to deliver a functional Online Examination System that will simplify the exam process for educational institutions. The system will be capable to conduct paperless exams with auto-grading features.

**Project Supervisor:**

Mrs. Gurpreet Kaur (Training and Development Department)

**Conclusion:**

The Online Examination System project aims to revolutionize the way exams are conducted and managed. With the implementation of this system, we anticipate increased efficiency in exam administration and a seamless experience for both administrators and students. This project holds significant potential for enhancing the educational assessment process.