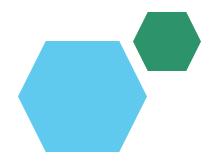
### **Digital Portfolio**



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## PROJECT TITLE

Online Exam Poratl
Portfolio Using
Frontend Developer

## **AGENDA**

- 1.Problem Statement
- 2. Project Overview
- 3.End Users
- 4. Tools and Technologies
- 5.Portfolio design and Layout
- 6. Features and Functionality
- 7. Results and Screenshots
- 8. Conclusion
- 9. Github Link

## PROBLEM STATEMENT

- 1. Traditional exams are timeconsuming and difficult to manage.
- 2. Manual evaluation causes errors and delays in results.
- 3. Students face difficulties attending exams from remote locations.
- 4. There is a need for a secure, automated, and user-friendly online exam system.



#### PROJECT OVERVIEW

- 1. A web-based system to conduct exams online for students.
- 2. Teachers can create, schedule, and manage exams easily.
- 3. Secure features like login, timer, and anticheating are included.
- 4. Automated evaluation and instant results reduce errors and save time.

#### WHO ARE THE END

#### **USERS?**

- 1. Students to register, attend exams, and view results.
- 2. Teachers/Examiners to create, schedule, and evaluate exams.
- 3. Administrators to manage users, exams, and system settings.
- 4. Institutions/Organizations to conduct exams and monitor overall performance.

## TOOLS AND TECHNIQUES

- 1. Frontend Tools HTML, CSS, JavaScript (for user interface design).
- 2. Backend Tools PHP, Node.js, or Python (for server-side processing).
- 3. Database MySQL or MongoDB (for storing questions, answers, and results).
- 4. Security Techniques Login authentication, data encryption, and anti-cheating measures.
- 5. Evaluation Techniques Automated result generation and instant feedback.

### PORTFOLIO DESIGN AND LAYOUT

#### **PORTFOLIO DESIGN:**

- 1. Home Page Introduction, features of the portal, and login/register option.
- 2. Student Dashboard View available exams, attempt tests, and check results.
- 3. Teacher Dashboard Create, schedule, and manage exams with question banks.
- 4. Admin Panel Manage users (students/teachers), system settings, and reports.
- 5. Result & Report Section Automated evaluation, performance analysis, and downloadable reports.

#### **LAYOUT:**

- 1. Home Page Login/Register, About the portal, and Key features.
- 2. Student Section Exams list, Attempt exam, and View results.
- 3. Teacher Section Create exams, Manage questions, and View student performance.
- 4. Admin Section Manage users, Monitor exams, and Generate reports.

# FEATURES AND FUNCTIONALITY

- 1. User Management Secure login and role-based access for students, teachers, and admins.
- 2. Exam Creation & Scheduling Teachers can set questions, schedules, and exam rules.
- 3. Online Exam System Students can take timed tests with automatic submission.
- 4. Result Generation Automated evaluation and instant result display.
- 5. Security & Monitoring Anti-cheating measures, data protection, and activity tracking.

## RESULTS AND SCREENSHOTS

**≻** Homepage With Online Exam Portal

#### **Online Exam Portal**

Your score is 2 out of 2

# **CONCLUSION**

The Online Exam Portal provides a secure, efficient, and user-friendly way to conduct examinations. It reduces manual work, saves time, and ensures quick result generation. With features like exam creation, automated evaluation, and remote accessibility, it benefits students, teachers, and institutions by making the examination process more transparent and reliable.

### Github Link

https://github.com/Preethisherin2212/TNSDC-FWD-DIGITAL PORTFOLIO.git