



Online Quiz App with Timer



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Created with Pi

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Software Engineering & Design Patterns Lab



Institution Information

- 1 North East University Bangladesh
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Project Overview

Project Overview



A web-based quiz app where users can log in, take quizzes, and earn XP.



Each quiz has a timer and can be retaken.



Admins can create, edit, and delete quizzes.

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Features & Functionalities



Features & Functionalities

- 1 User authentication (Login/Logout)
- 2 Quiz creation, update, and delete options
- 3 Unlimited questions with a timer
- 4 Real-time result and correct answers display
- 5 XP reward system for users

04



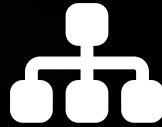
Technologies Used

Technologies Used



Frontend

HTML, CSS, JavaScript



Backend

PHP



Database

MySQL

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Screenshots / Diagrams



Screenshots / Diagrams

1

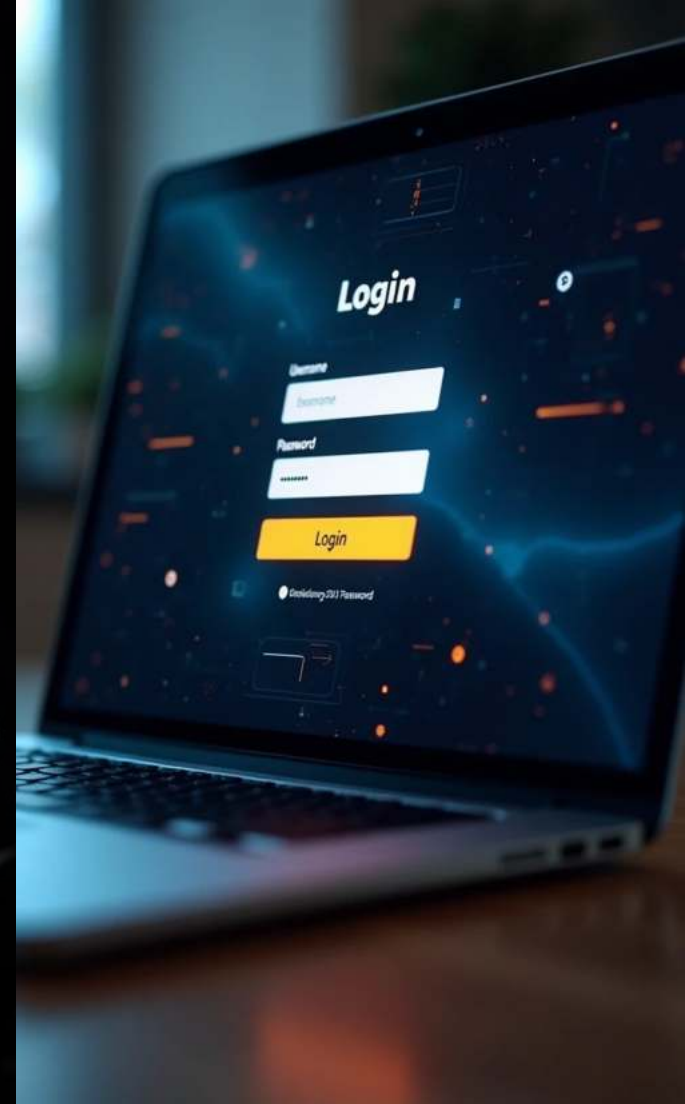
Login Page

2

Quiz Interface with Timer

3

Result Summary Page



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Challenges & Learnings



Challenges & Learnings

1

Managing countdown timer for each question

2

Designing a dynamic quiz system with database

3

Ensuring user-friendly UI/UX

4

Learned full-stack development and deployment process

07



Thank You



Thank You

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Any Questions?

2

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Thank You