

Islamic Quiz App – Final Project Report

1. Project Overview

The Islamic Quiz App is a fully frontend-based web application designed to test and enhance Islamic knowledge.

The project focuses on HTML, CSS, and JavaScript fundamentals and emphasizes interactivity, animations, and user experience.

2. Objectives of the Project

- *Build a beginner-friendly frontend project*
- *Strengthen JavaScript concepts such as arrays and DOM manipulation*
- *Design an attractive and animated user interface*
- *Deploy a live project using GitHub and Vercel*

3. Features Implemented

- *20 unique, non-repeating Islamic questions*
- *Randomized questions on every attempt*
- *Interactive dark-themed UI with animations*
- *Instant score calculation*
- *Display of wrong answers with correct answers and explanations*
- *Fully responsive and browser-friendly design*

4. Technologies Used

- *HTML5 for structure*
- *CSS3 for styling, animations, and transitions*
- *JavaScript for quiz logic and interactivity*
- *GitHub for version control*
- *Vercel for deployment*

5. Project Structure

index.html – Application structure

style.css – UI styling and animations

script.js – Quiz logic and dynamic behavior

README.md – Project documentation

6. Development Process

- *Planned quiz flow and UI layout*
- *Created question data using JavaScript arrays*
- *Implemented shuffle logic to randomize questions*
- *Designed animated and colorful UI using CSS*
- *Added result analysis with explanations*
- *Tested functionality and fixed bugs*

7. Deployment

- *Uploaded source code to GitHub*
- *Connected repository to Vercel*
- *Successfully deployed live application*
- *Verified live functionality and performance*

8. Learning Outcomes

- *Strong understanding of frontend fundamentals*
- *Hands-on experience with real project deployment*
- *Improved debugging and problem-solving skills*
- *Better UI/UX design awareness*

9. Conclusion

This project was successfully completed as a frontend learning milestone.

It demonstrates practical implementation of concepts, clean UI design, and professional deployment workflow.