

# Islamic Quiz App – Final Project Report

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## **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.*