1. Project Name:

Project Name: DaQuiz

2. Purpose:

The purpose of DaQuiz is to provide an interactive online platform for users to engage in short quizzes on various topics. It aims to offer an enjoyable and educational experience, promoting knowledge and entertainment.

3. Intended Audience:

DaQuiz is designed for a broad audience, including:

Students looking for educational quizzes.

Professionals seeking to test their expertise.

Casual users interested in fun and informative quizzes.

4. User Needs:

Access to a variety of quiz categories.

A user-friendly and visually appealing interface.

An engaging and interactive quiz experience.

Real-time feedback on quiz performance.

Easy navigation and clear instructions.

5. System Rules:

DaQuiz will adhere to the following system rules:

- Each quiz consists of 5 questions.
- Users must answer all questions to complete a quiz.
- Users receive immediate feedback on their quiz results.
- Quizzes are categorized by topic.

- The system will track user scores and show at the end.

6. Project Outline:

User Interface (UI) for Quiz Taking: This component will serve as the primary interface for users to access and interact with quizzes. It includes the following sub-components:

Home page: The home page will have a "Start" button to navigate you to the quiz topic selection page following with about and contact page.

Quiz Pages: Pages dedicated to individual quizzes, displaying questions, options, and user progress.

Result Page: A page that provides immediate feedback on quiz performance, including scores and comments on your result.

Design and Layout: A visually appealing design with intuitive layouts to enhance the user experience.

Quiz API Integration: DaQuiz will integrate with a quiz API (Trivia API) to fetch quiz content dynamically.

7. Current Situation:

Currently, the project is in the UI design phase, nearing completion. The team is preparing to move on to the implementation phase.

8. Goal:

The goal of the DaQuiz project is to launch a fully functional and engaging quiz platform that provides users with an enjoyable and educational experience. The platform should attract and retain users by offering a variety of high-quality quizzes.

9. Glossary:

HTML: Hypertext Markup Language is the standard markup language for creating web pages. It is used to structure content on the web, defining elements like headings, paragraphs, links, and more. User: An individual registered on the DaQuiz platform.

CSS: Cascading Style Sheets is a stylesheet language used to describe the presentation and styling of HTML elements. It controls layout, colors, fonts, and more.

JavaScript: is a versatile programming language used for enhancing the interactivity and functionality of web pages. It can manipulate HTML and CSS, handle user input, and perform various tasks.

Leaderboard: A ranking of users based on their quiz scores.

10. Non-Functional Requirements:

Performance: Ensure the application responds promptly to user interactions, with minimal delays, to provide a smooth and engaging user experience.

Stability: Ensure the application responds promptly to user interactions, with minimal delays, to provide a smooth and engaging user experience.

Quality: Create an aesthetically pleasing and user-friendly interface as well as optimize the application's code and data transfer processes to operate efficiently, reducing load times and resource consumption

Availability: Guarantee that the application is accessible from anywhere in the world with the 24/7 accessibility with minimal downtime.