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Documentation for Image Quiz Game

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CSS-2001, Fundamentals of WEB Technologies

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**1. Project Purpose**

To create an interactive online quiz game where questions are presented with images. Users should be able to select the correct answer from the provided images and see their results in real-time.

**2. Technologies Used**

* **HTML** — structure of the webpage.
* **CSS** — styling and design.
* **JavaScript** — quiz logic, event handling, and user interaction.

#### **3. Functionalities**

* **Displaying questions** with images.
* **Answer selection** by clicking on images.
* Tracking correct and incorrect answers.
* **Navigation** to the next question or showing the result after completing the quiz.
* Highlighting correct and incorrect answers.

#### **4. Steps to Run the Project**

1. Ensure that the following files are present in the project directory:
   * index.html
   * style2.css
   * script2.js
   * images/ folder with images.
2. Open index.html in a web browser.

**5. File Structure**

quiz-project/

├── index.html

├── style2.css

├── script2.js

├── images

#### **6. Code Overview**

##### **HTML** (index.html)

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Quiz Game with Images</title>

<link rel="stylesheet" href="style2.css">

</head>

<body>

<div id="quiz-container">

<h1>Quiz Game</h1>

<div id="question-container">

<p id="question"></p>

<div id="choices-container"></div>

</div>

<br><br>

<button id="next-button" disabled>Next</button>

<div id="score-container"></div>

</div>

<script src="script2.js"></script>

</body>

</html>

##### **CSS** (style2.css)

body {

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

margin: 0;

font-family: Arial, sans-serif;

text-align: center;

background-image: url('/Users/gulnazzhaiylgan/Library/Mobile Documents/com~apple~CloudDocs/html/final1/фон.jpg');

background-repeat: no-repeat;

background-size: cover;

padding: 0;

}

…

##### **JavaScript** (script2.js)

const quizQuestions = [

{

question: "Which of these is the Eiffel Tower?",

choices: [

"/Users/gulnazzhaiylgan/Library/Mobile Documents/com~apple~CloudDocs/html/final1/биг бен.jpeg",

"/Users/gulnazzhaiylgan/Library/Mobile Documents/com~apple~CloudDocs/html/final1/будж халифа.jpeg",

"/Users/gulnazzhaiylgan/Library/Mobile Documents/com~apple~CloudDocs/html/final1/эйфеловая башня.jpeg",

"/Users/gulnazzhaiylgan/Library/Mobile Documents/com~apple~CloudDocs/html/final1/пизанская.jpeg"

],

correctAnswer: 2

},

…

];

#### **7. Notes**

* **Images** must be in the images/ folder and accessible via relative paths.
* Additional features like animations and UX improvements can be added for a better user experience.

#### **8. Future Enhancements**

* Adding a timer for each question.
* Tracking successful/unsuccessful attempts per question.
* Sharing results on social media platforms.