

KWIZZIT

(The ultimate platform for Interactive Quizzes)

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- Are you ready to put your knowledge to the test and have some fun along the way? Look no further! KWIZZIT is your ultimate destination for an exciting quiz experience.
- This Android app is designed to provide an interactive and engaging quiz experience, allowing users to participate in quizzes, answer questions on various topics, and receive feedback on their performance.

FEATURES OF OUR APP

- A user can access/play all of the quiz , there will be limited number of questions and for each correct answer user will get a credit score.
- If the user chooses the wrong answer the correct answer will be shown as well.
- The user will get an appreciating badge according to their score.
- There is a timer also so that user can compete within a given time interval.
- The app can adapt to different device orientations on various platforms, such as smartphones, tablets, and laptops to provide a seamless experience.



THE REACT QUIZ

Welcome to The React Quiz!

15 questions to test your React mastery

Let's start



THE REACT QUIZ

Question 1 / 15

0 / 280

Which is the most popular JavaScript framework?

Angular

React

Svelte

Vue

00:50

Next



THE REACT QUIZ

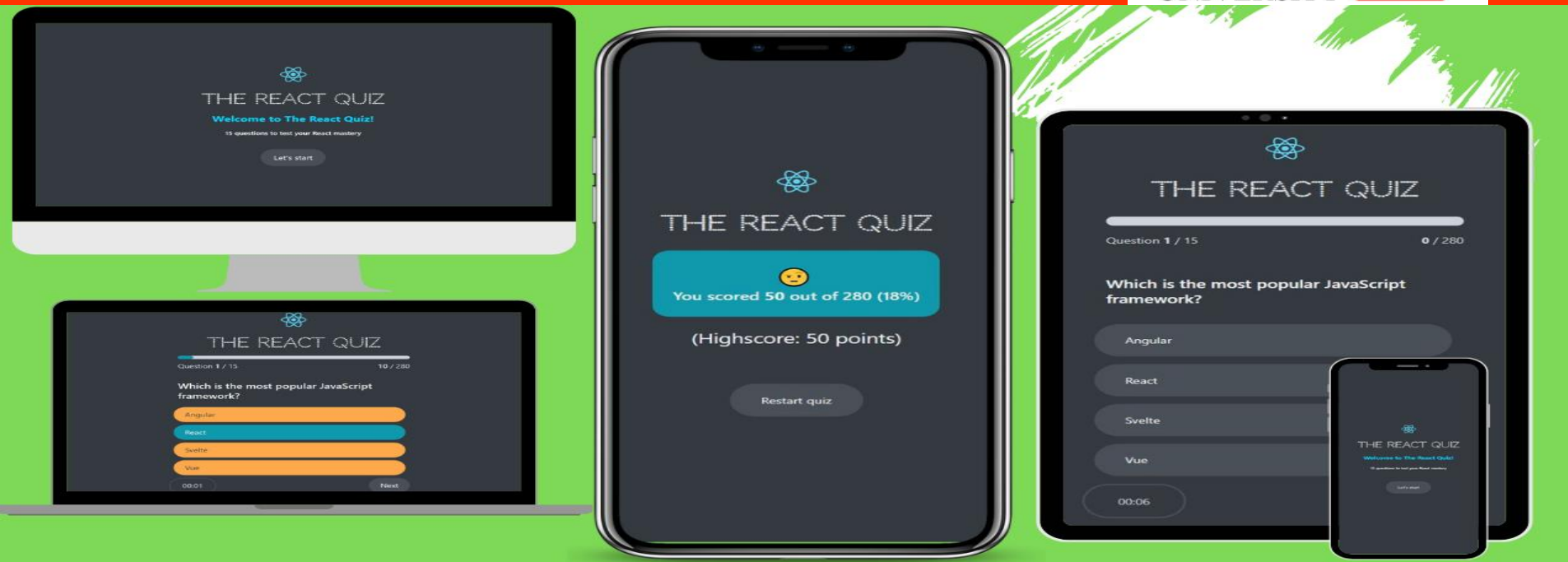


You scored **280** out of 280 (100%)

(Highscore: 280 points)

Restart quiz

RESPONSIVENESS



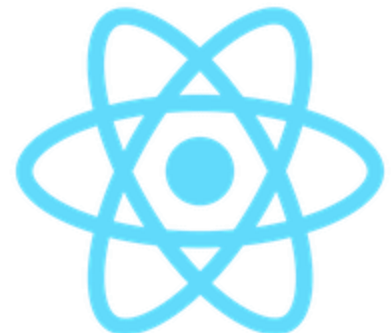
- We made our website responsive so that it can adjust its layout, content, and functionality based on the device and screen size being used to view it.
- This ensures optimal user experience across various devices, including desktops, laptops, tablets, and smartphones.
- The goal of responsive design is to provide users with easy access to content and functionality, improving usability and engagement while minimizing the need for horizontal scrolling or zooming.

- The motivation behind developing an online quiz app is generally based on a blend of educational and technological inspirations.
- We as students also sometimes feel degraded while studying so this also motivated us to create an app like this where each of us can compete with our friends and gather some motivation for studying.
- Here are some key motivations that often drive the creation and growth of online quiz apps:

- 1. Enhancing Learning and Education :** Online quiz apps are excellent tools for learning through competition . They can make the learning process more engaging and interactive. Educators and trainers can use these apps to assess progress and understanding, provide instant feedback, and adapt learning paths to individual needs.
- 2. User Experience and Personalization :** Developing user interface that are more intuitive and visually appealing .
- 3. Personal or Professional Development :** Working on an online quiz app can be a way for individuals or teams to develop new skills, showcase their abilities, or even prepare for larger projects.



- **HTML/CSS:** For structuring and styling the webpage, ensuring a visually appealing and user-friendly interface.
- **JavaScript:** Implemented for dynamic behavior , functionality and updating content in real-time.
- **Bootstrap:** Utilized for responsive design elements, ensuring compatibility across various devices and screen sizes.
- **DOM(Document Object Model) :** structure of a document as a tree of objects where each object represents a part of the document. These objects can be manipulated programmatically to change the content, structure, and style of a web page



- **REACT JS :**
- React.js is a JavaScript library for building user interfaces, known for its component-based architecture, virtual DOM, and declarative syntax using JSX.
- **ADVANTAGES :**
- **Performance:** React's virtual DOM and efficient reconciliation algorithm make it highly performant.
- **Reusability:** React's component-based architecture promotes code
- **Community and Ecosystem:** React has a large and active community of developers, which means there are plenty of resources, libraries, and tools available to help with development.

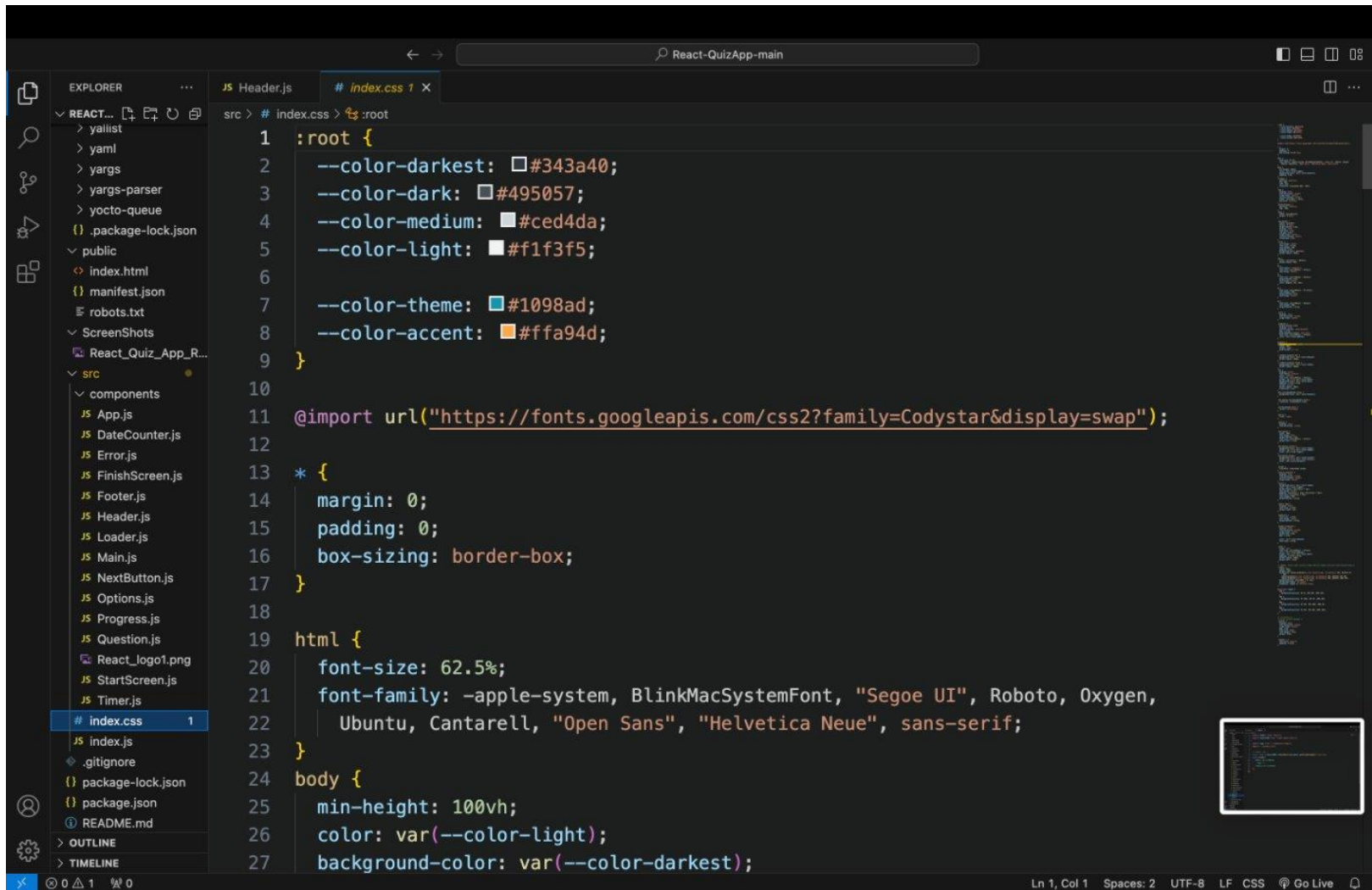
Code Snapshots HTML



```
EXPLORER
REACT-QUIZAPP-MAIN
  > yallist
  > yaml
  > yargs
  > yargs-parser
  > yocto-queue
  {} .package-lock.json
  > public
    < index.html
    {} manifest.json
    robots.txt
  > Screenshots
  > React_Quiz_App_R...
  > src
  > components
    JS App.js
    JS DateCounter.js
    JS Error.js
    JS FinishScreen.js
    JS Footer.js
    JS Header.js
    JS Loader.js
    JS Main.js
    JS NextButton.js
    JS Options.js
    JS Progress.js
    JS Question.js
    > React_Logo1.png
    JS StartScreen.js
    JS Timer.js
  # index.css
  JS index.js
  .gitignore
  {} package-lock.json
  {} package.json
  README.md
OUTLINE

public > < index.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="utf-8" />
5     <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
6     <meta name="viewport" content="width=device-width, initial-scale=1" />
7     <meta name="theme-color" content="#000000" />
8     <meta
9       name="description"
10      content="Web site created using create-react-app"
11    />
12    <link rel="apple-touch-icon" href="%PUBLIC_URL%/logo192.png" />
13    <!--
14      manifest.json provides metadata used when your web app is installed on a
15      user's mobile device or desktop. See https://developers.google.com/web/fundamenta
16    -->
17    <link rel="manifest" href="%PUBLIC_URL%/manifest.json" />
18    <!--
19      Notice the use of %PUBLIC_URL% in the tags above.
20      It will be replaced with the URL of the `public` folder during the build.
21      Only files inside the `public` folder can be referenced from the HTML.
22
23      Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC_URL%/favicon.ico" will
24      work correctly both with client-side routing and a non-root public URL.
25      Learn how to configure a non-root public URL by running `npm run build`.
26    -->
27    <!-- Adding Favicon link for iOS -->
```

CSS



The screenshot shows a VS Code editor window with the file explorer on the left, the Explorer pane in the middle, and the code editor on the right. The Explorer pane shows a project structure with a 'src' directory containing 'components' and 'index.css'. The code editor displays the content of 'index.css'.

```
1 :root {
2   --color-darkest: #343a40;
3   --color-dark: #495057;
4   --color-medium: #ced4da;
5   --color-light: #f1f3f5;
6
7   --color-theme: #1098ad;
8   --color-accent: #ffa94d;
9 }
10
11 @import url("https://fonts.googleapis.com/css2?family=Codystar&display=swap");
12
13 * {
14   margin: 0;
15   padding: 0;
16   box-sizing: border-box;
17 }
18
19 html {
20   font-size: 62.5%;
21   font-family: -apple-system, BlinkMacSystemFont, "Segoe UI", Roboto, Oxygen,
22     Ubuntu, Cantarell, "Open Sans", "Helvetica Neue", sans-serif;
23 }
24
25 body {
26   min-height: 100vh;
27   color: var(--color-light);
28   background-color: var(--color-darkest);
```

REACT JS



```
1 import { useEffect, useReducer } from "react";
2
3 import Header from "./Header";
4 import Main from "./Main";
5 import Loader from "./Loader";
6 import Error from "./Error";
7 import StartScreen from "./StartScreen";
8 import Question from "./Question";
9 import NextButton from "./NextButton";
10 import Progress from "./Progress";
11 import FinishScreen from "./FinishScreen";
12 import Footer from "./Footer";
13 import Timer from "./Timer";
14 import "../index.css";
15
16 const SECS_PER_QUESTION = 5;
17
18 // We need to define the initialState in order to use useReduce Hook.
19 const initialState = {
20   questions: [],
21   // 'loading', 'error', 'ready', 'active', 'finished'
22   status: "loading",
23   index: 0,
24   answer: null,
25   points: 0,
26   highscore: 0,
27   secondsRemaining: null,
```

Ln 14, Col 23 Spaces: 2 UTF-8 LF {} JavaScript Go Live

In conclusion, the development of our online quiz app has been a journey of innovation and learning. Through meticulous planning, design, and implementation, we have successfully created a user-friendly platform that offers engaging quizzes across various subjects. Our app not only caters to the entertainment needs of users but also serves as a valuable educational tool.

Throughout the development process, we prioritized user experience, ensuring intuitive navigation and seamless functionality. By incorporating features such as customizable quizzes, real-time feedback, and social sharing options, we have enhanced user engagement and satisfaction.



- List of key references here for your study.
- <https://chat.openai.com>
- <https://www.w3schools.com>
- <https://github.com>



**THANK
YOU!**