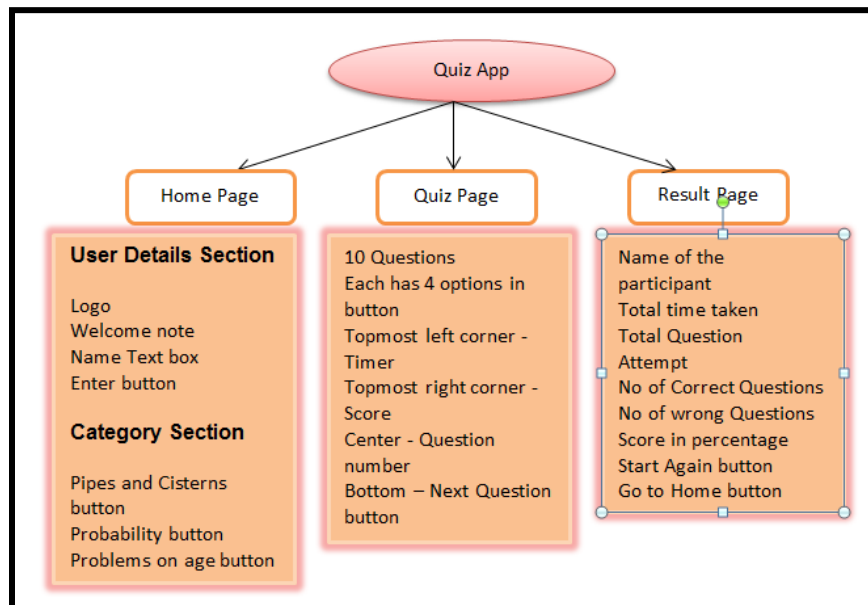


Assignment - Quiz App [Major]

Problem Statement

Creating a Quiz App with the following requirements:

- The Quiz App home page should have 2 sections as follows
 - User Details Section
 - Category
- The User Details section should have elements such as
 - Logo
 - Welcome note
 - Name Text box
 - Enter button
- The Category section should have elements such as
 - Pipes and Cisterns button
 - Probability button
 - Problems on age button
 - Profit and loss button
- The Quiz page should have elements such as
 - Each category should have 10 questions with four options in button.
 - The Top left corner should have a timer and the top right corner should have score.
 - The question number should be mentioned above the corresponding question.
 - The next Question button should be at the end of the page.
- The Quiz result page should have the following elements
 - Name of the participant
 - Total time taken
 - Total Question
 - Attempt
 - No of Correct Questions
 - No of wrong Questions
 - Score in percentage
 - Start Again button
 - Go to Home button

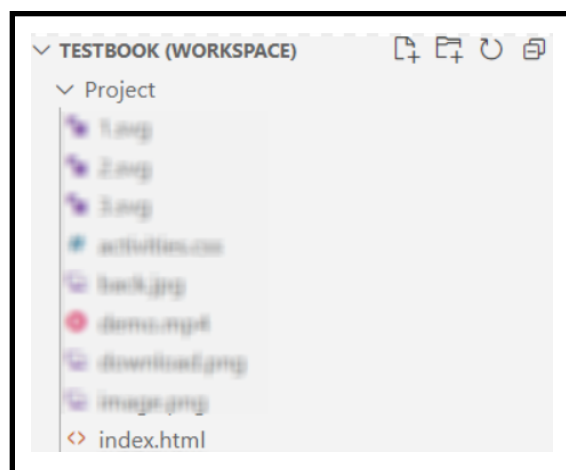


Steps:

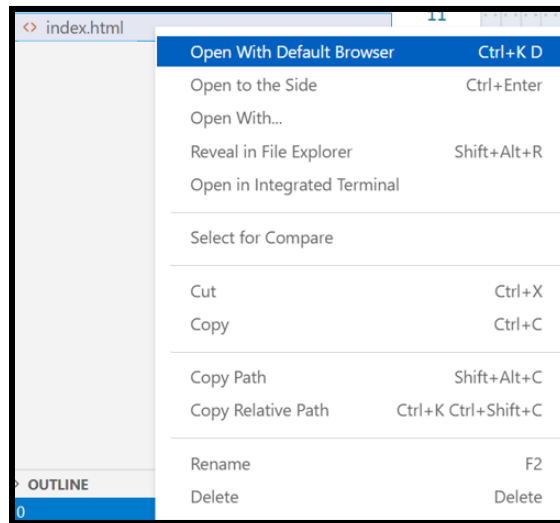
- Open VS code.
- Select New File in the opened folder.



- Save the file in the appropriate folder/ in a new folder with the file extension.



- Add the CSS files with the **.css** file extension and also add JS files with the **.js** file extension in the same folder where **index.html** is located.
- View the file in the browser, by right click on the file name(index.html) in the left pane.



Output:

Main Page - index.html

A screenshot of a web application interface for a quiz. At the top, there is a testbook logo. Below it, the text 'Hello user!' is displayed in a large blue font. Underneath, it says 'Enter your name to continue the Quiz.' There is a text input field with the placeholder 'ENTER YOUR NAME...' and a blue 'ENTER' button to its right. Below the input field, a message states 'You'll have 10 seconds to answer each questions'. A horizontal line separates this section from the next. The next section is titled 'Select Category' in a large blue font. Below this title, there are four light blue buttons arranged in a 2x2 grid. The buttons are labeled 'Pipes And Cisterns', 'Probability', 'Problem On Ages', and 'Profit And Loss'.

- Enter your name and select any of four category which should land in the quiz page having a list of ten questions each.

Pipes and Cisterns

220
SCORE: **1**

4/10

Three taps A,B and C can fill a tank in 12,15 and 20 hours respectively. If A is open all the time and B ,C are open for one hour each alternatively, the tank will be full in:

6 HRS

20/3 HRS

7 HRS

15/2 HRS

Next Question

- After answering all the ten questions in that particular category it should land on the score page.

Quiz Result

vvvv your result is :

Total Time Taken : **110** seconds

Total Question : **10**

Attempt : **10**

Correct : **3**

Wrong : **7**

Percentage : **30.00%**

Start Again

Go To Home

Assignment Parameter:

Grading		
Essentials	Important Features	Optimization
HTML: Number of sections, Navigation of the app from the home page to other pages. CSS: Presentation of the app. JS: Result page calculation	HTML: Number of categories and number of questions in each section. JS: Accuracy in result page and timer.	Code readability and presentation.