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Assignment number: 1

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homepage.php : (Homepage with nickname input and quiz selection)

quizes.php : (Handles quiz logic and displays questions)

results.php : (Checks and stores results of quizes into score.txt)

leaderboard.php : (Displays the leaderboard)

exit.php: (Handles exit logic and displays user's score)

styles.css: (CSS for styling the website)

science.txt : (Stores Science and Nature questions)

numbers.txt : (Stores Numbers questions)

scores.txt : (Stores user scores for the leaderboard)

README.md ( Brief explanation of each file as well as User Manual)

Requirements for Learning Game Website.

1. **Install XAMPP**  
Ensure that the XAMPP Control Panel is installed on your computer.

2. **Save the Assignment Folder**  
Save the folder containing your assignment files inside the htdocs directory of your XAMPP installation.

3. **Start Apache**  
Launch the XAMPP Control Panel and start the Apache server. A screenshot of a computer

Description automatically generated

4. **Access the Program in Your Browser**  
Open a web browser and navigate to http://localhost/\*FolderName\*/, replacing \*FolderName\* with the name of the folder where your assignment files are saved.

For example, if the folder is named Assignment/A1, enter the following in your browser:  
http://localhost/Assignment/A1/

5. **Navigate to the Index Page**  
The browser will display the index page, listing all the files for the learning game. A screenshot of a computer

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6.**Start the Learning Game**  
Click on the homepage.php link to enter the learning game.

**Requirements**:

Nickname is required for you to start a game.

When answering the questions of the quizes, it is not necessary to give any answer, since there is a penalty of -2 whenever the question is answered incorrectly.

A screenshot of a computer

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Figure 1: Homepage Interface (homepage.php)

A screenshot of a computer

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Figure 2: Homepage Interface when trying to enter Quiz without filling nickname. ( Nickname Required)

A screenshot of a quiz

Description automatically generated

Figure 3: Science Quiz(quizes.php)

A screenshot of a quiz

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Figure 4: Science Quiz Results(results.php)

A screenshot of a quiz

Description automatically generated

Figure 5: Another Science Quiz Attempt(results.php)

A screenshot of a quiz

Description automatically generated

Figure 6: Math Quiz(quizes.php)

A screenshot of a quiz

Description automatically generated

Figure 7: Math Quiz Result(results.php)

A screenshot of a computer game

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Figure 8: Leaderboard Sort by Name(leaderboard.php)

A screenshot of a computer

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Figure 9: Leaderboard Sort by Score(leaderboard.php)

A screen shot of a game

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Figure 10: Game Over/ Exit (exit.php)