Test Plan

Summarized discussion

● Navaneeth: You should use Postman to do API testing. Make sure the testers are clear and for different cases of the same test. Testing Instructions for expert users to carry out tests

List of requirements:

- Hardware: any Hardware that has access to the internet, able to use an internet browser, and a pointing device like a mouse or touch screen
- Software: Has internet access and internet browser installed Automation of testing instructions

List the testing tools you use:

○ PyTest (pip install pytest)
○ Postman or Selenium (maybe) Amount of time to finish the tests

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Report the expected execution time to complete the test Coverage of the tests
At least one test case per documented feature

Feature	Description	Test Case (s)	Expected Result	Expected Time	Actual Test Result
Login Page	Test the login and validate whether the login works as expected or not	Click on login	Should be able to login successfully	< 1 min	Pass
Logout	Test the logout and validate whether the login works as expected or not	Click on logout	Should be able to logout successfully	< 1 min	Pass
Game Page	Check Game Page loads or not	Load game page	Should be able to play the game	< 1 min	Pass
Game Page	Start the game	Start the game	Able to start the game	< 1 min	Pass
Game Page	User should be able to see the target	Check target is displayed or not	Able to see the target	< 1 min	Pass
Game Page	Reveal the	Reveal the	Solution	< 1 min	Pass

	Solution to the end user	solution			
Calculator	Check Addition Operation	Perform addition operation	Should be able to do addition operation	< 1 min	Pass
Calculator	Check Subtraction Operation	Perform subtraction operation	Should be able to do subtraction operation	< 1 min	Pass
Calculator	Check Multiplication Operation	Perform multiplication operation	Should be able to do multiplication operation	< 1 min	Pass
Calculator	Check Division Operation	Perform division operation	Should be able to do division operation	< 1 min	Pass
Calculator	User should be able to reset the calculator	Reset the result by pressing A/C	Should be able to reset the result	< 1 min	Pass
Leaderboard Page	Check the leaderboard page	Check the leaderboard page	Should be able to see his previous scores	< 1 min	Pass