

Test Plan

Summarized discussion

- Likhith & Dania: Selenium or Postman are the best tools for automating testing. Verify that the testers are understandable and appropriate for various test scenarios. Testing Guidelines for knowledgeable users to conduct 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 button on top left of the screen	It should redirect to Google Login and you should be able to login successfully	< 1 min	Pass
Logout	Test the logout and validate whether the logout works as expected or not	Click on logout icon on top left of the screen	Should be able to logout successfully	< 1 min	Pass
Game Page	Check Game Page loads or not	Click on play button	It should take you to game screen and it should show boxes for Digits (Hidden)	< 1 min	Pass
Game Page	Start the game	Once Clicked on the play button on the	It should reveal the digits in random order	< 1 min	Pass

		game screen you should be able to see start button. Once pressed it should start revealing the numbers			
Game Page	End the game	Once the game has started the user can exit the game by using Exit Game button or if he exhausts the guesses	It should take you to the game end page which shows the total score.	< 1 min	Pass
Game Page	Check Hints	Should be able to reveal specific digit using hints by clicking on the digit box you want to reveal	Should be able to see the digit and the hints count should be decreased	< 1 min	Pass
Game Page	Check Guess Operation	Once the digits are revealed, you should see a text box for user input for guessing the number.	Should be able check the guessed number with the actual number and the guess count should decrease and if the all the guesses are done then the game should exit and if the guess is correct it should take it to next level.	< 1 min	Pass
Game Page	Submit Scores	If logged in, the scores should be submitted automatically	Should be able to save scores in the leaderboard page	< 1 min	Pass
Leaderboard Page	Check the leaderboard page	Check the leaderboard page	Should be able to see top user scores	< 1 min	Pass

