Module 1 Lab 8 – User Stories (functionalities / persona) and User Storyboard (Use Case)

Please note I did this exercise and did points 1-3 myself then asked the AI to look at it and it pointed out that the tests I included also create another user story (which I then included as point 4.)

1. **I’m a 6-die user:**
   * I open the M1LAB8.html file in my browser.
   * I read the instructions.
   * I click the "Roll Me!" button to roll a 6-sided die.
   * I can (as per instructions shown) keep clicking for more results.
   * The result of each roll is displayed on the button I clicked.
2. **I’m a 10-die user:**
   * I open the M1LAB8.html file in my browser.
   * I read the instructions.
   * I click the "Roll Me!" button to roll a 10-sided die.
   * I can (as per instructions shown) keep clicking for more results.
   * The result of each roll is displayed on the button I clicked.
3. **As a user, I want to roll a die with a custom number of sides I decide:**
   * I open the M1LAB8.html file in my browser.
   * I read the instructions.
   * I can enter the number of sides for the die in the textarea.
   * \*If I enter an invalid input the error checking will help me until I enter a valid input (see .html file for details).
   * I can then click the “Roll Me” button to roll the die with the specified number of sides.
   * The result of the roll is displayed on the button.
   * I can (as per instructions shown) keep clicking for more results.
   * I can also keep changing the number of sides.
4. **As a developer, I want to test the rollChosenDie function:**
   * I open the M1LAB8.html file in my browser via the liveserver extenstion in my Vscode where I open the html file.
   * I can uncomment the test code in my Vscode to run tests for the rollChosenDie function also using the instructions in the comments section as guide.
   * I can view the console output of the tests in my browser console under the developer tools tab.
   * The tests check if the function correctly updates the output with a value between 1 and the chosen number of sides.
   * The tests check if the function correctly handles a 20-sided die.
   * The tests check if the function correctly handles a 40-sided die.
   * The tests log the results to the browser console.

These user stories and storyboard per hearing cover the main functionalities for the page.