**EXPERIMENT 9**

**1. TESTING CASE 1 (Login)**

**1.1 Functional Test Cases-**

* Verify if a user will be able to login with a valid username and valid password.
* Verify if a user cannot login with a valid username and an invalid password.
* Verify the login page for both, when the field is blank and Submit button is clicked.
* Verify the messages for invalid login.

**1.2 Non-Functional Security Test Cases-**

* Verify the time out functionality of the login session.
* Verify the login page by pressing ‘Back button’ of the browser. It should not allow you to enter the system once you log out.
* Verify if a user should not be allowed to log in with different credentials from the same browser at the same time.

**2. TESTING CASE 2 (Adding Recipes)**

**2.1 Functional Test Cases-**

* Verify that the all required fields are filled.
* Verify that the ingredients are properly field with commas.
* Verify that the adding recipe will update to the list.
* Verify that the adding recipe will be available for the only registered user or not.
* Verify that the only registered user can edit or delete the save recipe.

**2.2 Non-Functional Security Test Cases-**

* Verify that the all fields are visible to the user.
* Verify that the “nav bar” should be visible for direct reach to the “All recipes” tab for show updated recipe.

**3. TESTING CASE 3 (Logout)**

**3.1 Functional Test Cases-**

* Verify After successful login in Pantry2Plate, click on the profile icon to check logout button is visible or not.
* Verify by Clicking on the sign-out button without an internet connection and reconnecting to the internet to check if it’s properly logout or not.
* Verify by clicking on the logout button, after successful logout on the login screen press the back button.
* Verify, login into more than two browser or mobiles and log out from anyone them and check all other account is properly working or all get logout.
* Verify after logout tries to re-login with the same or different account it’s allowing or not.

**3.2 Non-Functional Security Test Cases-**

* Verify the logs for the login and logout sessions.
* Verify if the logs contain multiple IPs for a single ID at the same time.
* Verify if the logs contain a denial-of-service attack for the login or logout.
* Verify if the log has suspicious activity.