**Julio Pochet Edmead – Module 7.1 Discussion Post - Security Test Case**

Creating strong security test cases is key when it comes to protecting user accounts and preventing unauthorized access. George Everett listed a few solid test conditions to get started, and using the structure from the Guru99 reading, I came up with two test cases. One from his list and one extra that focuses on another important part of user behavior.

**🔐 Test Case 1: Lock Account After 3 Failed Login Attempts**

* **Test Case ID:** TC-SEC-001
* **Description:** Ensure that the user account locks after three incorrect password entries.
* **Test Steps:**
  1. Go to the login page
  2. Enter a valid username
  3. Enter an incorrect password
  4. Repeat step 3 two more times
* **Test Data:**
  1. Username: juliettepochet
  2. Passwords: wrongPass1!, wrongPass2!, wrongPass3!
* **Expected Result:**
  1. After the third failed attempt, the system should lock the account and show a message: *"Account locked. Please contact support."*

**⏳ Test Case 2: Auto Logout After 10 Minutes of Inactivity**

* **Test Case ID:** TC-SEC-002
* **Description:** Check if the system automatically logs out the user after 10 minutes of inactivity.
* **Test Steps:**
  1. Log in with valid credentials
  2. Do not interact with the system for 10 minutes
  3. Try to perform an action (like clicking a link or opening a new tab in the app)
* **Test Data:**
  1. Username: mariepeña
  2. Password: SecurePass!1
* **Expected Result:**
  1. The session expires, the user is redirected to the login page, and a message appears: *"Session timed out due to inactivity."*

These test cases help cover both **login failure handling** and **session management**—two critical areas in web security. Making sure these are tested properly helps prevent account abuse and protects user data, especially in shared or public environments.