TEST CHARTER

# CHARTER

Analyze the Pet Store Application’s core functionalities and report on areas of potential risk.

# AREAS TO BE TESTED

- OS: Windows 10, Android  
- Features:  
 - Registration  
 - Login  
 - Product Search  
 - Add to Cart  
 - Checkout  
- Testing Strategy:  
 - Function Testing  
 - Boundary Testing  
 - Negative Testing  
 - Session Management

# START DATE

Date: 04/30/25  
Time: 10:30 AM

# TESTER

Name: Vaishnavi Chennapragada

# TASK BREAKDOWN

- DURATION  
 - Total: Short  
 - Test Design and Execution: 65%  
 - Bug Investigation and Reporting: 25%  
 - Session Setup: 10%  
- CHARTER VS. OPPORTUNITY  
 - Charter: 90%  
 - Opportunity: 10%

# DATA FILES

- dummy\_user\_accounts.csv – Used for testing registration and login with valid and invalid user data.  
- test\_product\_list.csv – Used for testing product search, cart management, and checkout processes.

# TEST NOTES

Explored main modules of the Pet Store application across Registration, Login, Product Search, Cart, and Checkout flows:  
1. Registration & Login  
 - Validated required fields for registration.  
 - Checked password complexity and validation.  
 - Tested invalid credential handling during login.  
2. Product Search  
 - Tested valid, invalid, and boundary input queries.  
 - Checked behavior with empty search and search involving special characters.  
3. Add to Cart  
 - Added both single and multiple products to the cart.  
 - Validated cart updates, quantity modifications, and removal functionality.  
4. Checkout  
 - Performed checkout flow with valid and invalid payment details.  
 - Tested behavior for missing shipping address.

# BUGS IDENTIFIED

1. BUG #2001: Special characters in product search crash the application.  
2. BUG #2002: Adding multiple quantities sometimes updates the wrong product total.  
3. BUG #2003: After logout, using the back button restores the previous session.  
4. BUG #2004: No error message when attempting to register with an existing email.

# ISSUES IDENTIFIED

1. ISSUE #1: Checkout page accepts incomplete credit card information (e.g., missing expiration date, CVV).  
2. ISSUE #2: Session expiration is inconsistent across browsers.  
3. ISSUE #3: No proper validation error when mandatory fields are left blank during checkout.