TEST CHARTER

**CHARTER:**   
Analyze the core functionalities of the Pet Store Application to identify potential usability, security, and functionality risks.  
  
**AREAS**

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

### **START**

04/30/25 10:30 AM

### **TESTER** SHRIYA

### **TASK BREAKDOWN**

#DURATION  
 short  
#TEST DESIGN AND EXECUTION  
 65

#BUG INVESTIGATION AND REPORTING  
 25

#SESSION SETUP  
 10

#CHARTER VS. OPPORTUNITY  
 90/10

### **DATA FILES**

dummy\_user\_accounts.csv  
 test\_product\_list.csv

### **TEST NOTES**

Explored main modules of the Pet Store application across Registration, Login, Product Search, Cart, and Checkout flows.

Registration & Login:

* Validated required fields, password complexity, invalid credential handling.

Product Search:

* Searched for valid, invalid, and boundary input queries.
* Checked behavior with empty search and special characters.

Add to Cart:

* Added single and multiple products.
* Checked cart updates, quantity modification, and remove functionality.

Checkout:

* Performed checkout flow with valid and invalid payment details.
* Tested behavior for missing shipping address.

Risks:  
 – Product search may crash on special characters.  
 – Session not invalidated properly after logout.  
 – Cart may not persist after page refresh or logout/login.  
 – Duplicate registrations not properly blocked.  
 – Checkout allows invalid card number formats.

### BUGS

#BUG 2001  
 Special characters in product search crash the application.

#BUG 2002  
 Adding multiple quantities sometimes updates the wrong product total.

#BUG 2003  
 After logout, using the back button restores the previous session.

#BUG 2004  
 No error message when attempting to register with an existing email.

### **ISSUES**

#ISSUE 1  
 Checkout page accepts incomplete credit card information.

#ISSUE 2  
 Session expiration is inconsistent across browsers.

#ISSUE 3  
 No proper validation error when mandatory fields are left blank during checkout.