Performance Testing

User Acceptance Testing (UAT)

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| Date | 19 June 2025 |
| Team ID | LTVIP2025TMID51764 |
| Project Name | ShopSmart: Your Digital Grocery Store  Experience |

User Acceptance Testing – ShopSmart Grocery Web App

Project Overview:

* Project Name: ShopSmart – Your Digital Grocery Store Experience
* Project Description:

ShopSmart is a full-stack MERN (MongoDB, Express.js, Angular, Node.js) web application designed to enhance the grocery shopping experience for users. It enables customers to explore, filter, and purchase groceries such as fruits, vegetables, dairy, snacks, beverages, and household items from the comfort of their homes. Key features include user authentication, cart management, category filtering, and next-day delivery for late-night orders.

* Project Version: 1.0.0
* Testing Period: June 15, 2025 to June 25, 2025

Testing Scope:

* User Registration and Login
* Product Browsing and Filtering by Category
* Adding Items to Cart
* Placing and Confirming Orders
* Order Summary and Delivery Info
* Admin Features: Add/Edit/Delete Products

Testing Environment:

* URL/Location:
  + Frontend: http://localhost:3000
  + Backend API: http://localhost:5000  Credentials (if required): o Username: testuser@example.com o Password: password123

Test Cases:

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| --- | --- | --- | --- | --- | --- |
| Test  Case  ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail |
| TC-  001 | User Registration | Navigate to Register  Page → Enter details  → Click Register | User is registered and redirected to login | As expected | Pass |
| TC-  002 | Login and  Dashboard Access | Enter email and password → Click Login | User is redirected to homepage | As expected | Pass |
| TC-  003 | Add Item to Cart | Navigate to Products  → Click "Add to Cart" | Item is added and cart icon updates | As expected | Pass |
| TC-  004 | Filter Items by Category | Open dropdown → Select "Dairy" | Only dairy products are shown | As expected | Pass |