

We have created 2 sets of input sample for testing purposes. Below are some scenarios with corresponding inputs that you we use for testing various functionalities of the application.

Input Sample 1:

Scenario 1: Successful Login

- Username: user1
- Password: password1

Scenario 2: Unsuccessful Login Attempt

- Username: user1
- Password: incorrect_password

Scenario 3: Adding Product Movements (Post Successful Login)

- Product ID: P1001
- Movement Details: Shipped from Warehouse A to Distribution Center B

Scenario 4: Adding Multiple Product Movements

- Product ID: P1002
- Movement Details: Manufactured at Facility X
- Product ID: P1002
- Movement Details: Quality Check Completed at Facility X
- Product ID: P1002
- Movement Details: Dispatched to Warehouse Y

Scenario 5: Viewing Product History

- Product ID for History Check: P1002

Scenario 6: Attempt to Add Product Movement without Logging In

- Product ID: P2001
- Movement Details: Received at Retail Outlet Z

Scenario 7: Logout and Exit

- Choose the option to Logout, and then Exit.

Sample Inputs for Edge Cases

- **Invalid Product ID: #123ABC** (use special characters or unusual formats)
- **Empty Product ID or Movement Details:** (try pressing Enter without typing anything)
- **Extremely Long Inputs:** Use a very long string for product movement details.

Input Sample 2:

Scenario 1: Successful Login

- Username: user2
- Password: password2

Scenario 2: Unsuccessful Login Attempt

- Username: user2
- Password: wrongpassword

Scenario 3: Adding Product Movements (Post Successful Login)

- Product ID: Laptop45678
- Movement Details: Assembled at TechAssembly, New York

Scenario 4: Adding Multiple Product Movements

- Product ID: Laptop45678
- Movement Details: Software Installation and Testing at TechAssembly, New York
- Product ID: Laptop45678
- Movement Details: Packaging Completed at TechAssembly, New York
- Product ID: Laptop45678
- Movement Details: Shipped to Central Store, San Francisco

Scenario 5: Viewing Product History

- Product ID for History Check: Laptop45678

Scenario 6: Attempt to Add Product Movement without Logging In

- Product ID: Monitor78901
- Movement Details: Stocked at Warehouse Z

Scenario 7: Logout and Exit

- Choose the option to Logout, and then Exit.

Sample Inputs for Edge Cases

- **Invalid Product ID: XYZ@2023** (using special characters or unusual formats)
- **Empty Product ID or Movement Details:** (attempt to submit with blank inputs)
- **Extremely Long Inputs:** Use a long and complex string for product movement details, like a paragraph describing the product's journey.

Notes for Testing

- For **Scenarios 1 and 2**, ensure that the application correctly allows or denies access based on the credentials.
- In **Scenario 3 and 4**, after adding product movements, check if the application confirms the addition of each movement.
- **Scenario 5** tests whether the application correctly displays the history of product movements added in previous steps.
- **Scenario 6** is an important test for your authentication mechanism. The application should prevent adding movements without a valid login.
- Use **Scenario 7** to check if the logout and exit functionalities are working as expected.
- The **edge case scenarios** are crucial to understanding how the application handles abnormal or unexpected inputs.