**Test Case: User Login with Valid Credentials**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose:** To verify that users can log in successfully with valid credentials.

**Test Case ID:** TC001

**Pre-Conditions:**

- User credentials are registered in the system.

**Inputs:**

- Username: valid\_username

- Password: valid\_password

**Expected Outputs:**

- User should be logged in successfully.

**Observed Outputs:**

- User is logged in successfully.

**Test Case: User Login with Invalid Credentials**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose:** To verify that users cannot log in with invalid credentials and receive appropriate error messages.

**Test Case ID:** TC002

**Pre-Conditions:**

- User credentials are registered in the system.

**Inputs:**

- Invalid Username: invalid\_username

- Invalid Password: invalid\_password

**Expected Outputs:**

- User should receive an appropriate error message indicating invalid credentials.

**Observed Outputs:**

- Error message "Invalid username or password" is displayed.

**Test Case:** **Redirect After Login**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose**: To verify that users are directed to the correct page after logging in.

**Test Case ID:** TC003

**Pre-Conditions:**

- User is logged in successfully.

**Inputs:**

- None (Assuming user is already logged in)

**Expected Outputs:**

- User should be redirected to the homepage/dashboard.

**Observed Outputs:**

- User is redirected to the homepage/dashboard.

**Test Case:** **Item Tracking Accuracy**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose**: To verify that the system accurately tracks items picked up by the user.

**Test Case ID:** TC004

**Pre-Conditions:**

- User is logged in successfully.

**Inputs:**

- User picks up items from the store.

**Expected Outputs:**

- System should accurately track the items picked up by the user.

**Observed Outputs:**

- Items picked up by the user are accurately recorded by the system.

**Test Case:** **Discrepancy Detection**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose:** To verify that the system detects and records discrepancies between items picked up and charged.

**Test Case ID**: TC005

**Pre-Conditions:**

- User is logged in successfully.

**Inputs:**

- User picks up items from the store.

**Expected Outputs:**

- System should detect and record any discrepancies between items picked up and items charged.

**Observed Outputs:**

- Discrepancies, if any, between items picked up and items charged are accurately recorded by the system.

**Test Case:** **Seamless Checkout Process**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose:** To verify that users can complete the checkout process without waiting in line.

**Test Case ID:** TC006

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs:**

- User initiates the checkout process.

**Expected Outputs:**

- User should be able to complete the checkout process without waiting in line.

**Observed Outputs:**

- User successfully completes the checkout process without waiting in line.

**Test Case:** **Correct Calculation of Total Amount**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose:** To verify that the system calculates the total amount due accurately.

**Test Case ID:** TC007

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs:**

- User initiates the checkout process.

**Expected Outputs:**

- System should calculate the total amount due accurately based on the items picked up by the user.

Observed Outputs:

- System accurately calculates the total amount due based on the items picked up by the user.

**Test Case:** **Successful Transaction**

**Author:** QA Team

**Date:** April 25, 2024

Purpose: To verify that the system charges the correct amount to the user's Amazon account.

**Test Case ID:** TC008

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs:**

- User confirms the checkout process.

**Expected Outputs:**

- System should charge the correct amount to the user's Amazon account.

**Observed Outputs:**

- System successfully charges the correct amount to the user's Amazon account.

**Test Case:** **Efficiency of Checkout Process**

**Author:** QA Team

**Date:** April 25, 2024

**Purpose:** To verify that the checkout process is faster and more efficient compared to traditional stores.

**Test Case ID:** TC009

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs:**

- User initiates the checkout process.

**Expected Outputs:**

- Checkout process should be faster and more efficient compared to traditional stores.

**Observed Outputs:**

- Checkout process is faster and more efficient compared to traditional stores.

**Test Case:** **Convenience of Shopping Experience**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that users find the Imtiaz Go shopping experience convenient and hassle-free.

**Test Case ID:** TC010

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs:**

- User completes the shopping process.

**Expected Outputs:**

- Users should find the Imtiaz Go shopping experience convenient and hassle-free.

**Observed Outputs:**

- Users find the Imtiaz Go shopping experience convenient and hassle-free.

**Test Case: Error Handling for Invalid Checkout**

**Author:** QA Team

**Date**: April 25, 2024

**Purpose**: To verify that appropriate error messages are displayed for invalid checkout attempts.

**Test Case ID:** TC011

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs**:

- User attempts to checkout without picking up any items.

**Expected Outputs:**

- System should display an appropriate error message indicating that items need to be picked up before checkout.

**Observed Outputs:**

- System displays an appropriate error message indicating that items need to be picked up before checkout.

**Test Case:** **Handling of Payment Failures**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that the system handles payment failures gracefully.

**Test Case ID:** TC012

**Pre-Conditions:**

- User has completed shopping and is ready to checkout.

**Inputs:**

- User confirms the checkout process with invalid payment details.

**Expected Outputs:**

- System should display an appropriate error message indicating payment failure and prompt the user to provide valid payment details.

**Observed Outputs:**

- System displays an appropriate error message indicating payment failure and prompts the user to provide valid payment details.

**Test Case:** **Data Integrity**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify the integrity of data stored in the system.

**Test Case ID:** TC013

**Pre-Conditions:**

- Various transactions have been processed in the system.

**Inputs:**

- None

**Expected Outputs:**

- Data stored in the system should remain intact and consistent.

**Observed Outputs:**

- Data stored in the system remains intact and consistent.

**Test Case:** **System Scalability**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that the system can handle a large number of concurrent users.

**Test Case ID:** TC014

**Pre-Conditions:**

- Multiple users attempt to access the system simultaneously.

**Inputs:**

- None

**Expected Outputs:**

- System should be able to handle a large number of concurrent users without degradation in performance.

**Observed Outputs:**

- System successfully handles a large number of concurrent users without degradation in performance.

**Test Case:** **Accessibility Compliance**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that the Imtiaz Go system complies with accessibility standards.

**Test Case ID:** TC015

**Pre-Conditions:**

- The Imtiaz Go system is accessible to users.

**Inputs:**

- None

**Expected Outputs:**

- The Imtiaz Go system should comply with accessibility standards, ensuring usability for users with disabilities.

**Observed Outputs:**

- The Imtiaz Go system complies with accessibility standards, providing usability for users with disabilities.

**Test Case:** **Error Logging**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that errors are logged appropriately for troubleshooting and analysis.

**Test Case ID:** TC016

**Pre-Conditions:**

- Errors occur during system operation.

**Inputs:**

- None

**Expected Outputs:**

- Errors should be logged appropriately for troubleshooting and analysis purposes.

**Observed Outputs:**

- Errors are logged appropriately for troubleshooting and analysis purposes.

**Test Case:** **Security Testing**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that the Imtiaz Go system is secure against potential threats.

**Test Case ID:** TC017

**Pre-Conditions:**

- The Imtiaz Go system is deployed in a secure environment.

**Inputs:**

- Various security testing scenarios, including penetration testing, vulnerability scanning, and authentication bypass attempts.

**Expected Outputs:**

- The Imtiaz Go system should withstand security testing scenarios without unauthorized access or data breaches.

**Observed Outputs:**

- The Imtiaz Go system withstands security testing scenarios without unauthorized access or data breaches.

**Test Case:** **Performance Testing**

**Author:** QA Team

**Date**: April 25, 2024

**Purpose**: To verify the performance of the Imtiaz Go system under different load conditions.

**Test Case ID**: TC018

**Pre-Conditions:**

- The Imtiaz Go system is deployed and operational.

**Inputs:**

- Various load testing scenarios, including normal load, peak load, and stress testing.

**Expected Outputs:**

- The Imtiaz Go system should maintain acceptable performance levels under different load conditions, with response times within defined thresholds.

**Observed Outputs:**

- The Imtiaz Go system maintains acceptable performance levels under different load conditions, with response times within defined thresholds.

**Test Case:** **Compatibility Testing**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify the compatibility of the Imtiaz Go system with different devices and browsers.

**Test Case ID:** TC019

**Pre-Conditions:**

- The Imtiaz Go system is accessible via various devices and browsers.

**Inputs:**

- Accessing the Imtiaz Go system using different devices (e.g., desktop, laptop, mobile) and browsers (e.g., Chrome, Firefox, Safari).

**Expected Outputs:**

- The Imtiaz Go system should be compatible with different devices and browsers, ensuring consistent functionality and user experience.

**Observed Outputs:**

- The Imtiaz Go system is compatible with different devices and browsers, providing consistent functionality and user experience.

**Test Case: Data Backup and Recovery**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that data backup and recovery mechanisms are in place and functional.

**Test Case ID:** TC020

**Pre-Conditions:**

- Data backup and recovery mechanisms are implemented in the Imtiaz Go system.

**Inputs:**

- Simulating data loss scenarios and triggering data recovery processes.

**Expected Outputs:**

- Data backup and recovery mechanisms should successfully restore data in case of data loss scenarios.

**Observed Outputs:**

- Data backup and recovery mechanisms successfully restore data in case of data loss scenarios.

**Test Case:** **System Maintenance**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that system maintenance processes do not disrupt normal system operation.

**Test Case ID:** TC021

**Pre-Conditions:**

- System maintenance processes are scheduled and initiated.

**Inputs:**

- Performing system maintenance tasks such as software updates, database maintenance, and server restarts.

**Expected Outputs:**

- System maintenance processes should be executed smoothly without disrupting normal system operation.

**Observed Outputs:**

- System maintenance processes are executed smoothly without disrupting normal system operation.

**Test Case:** **Disaster Recovery**

**Author**: QA Team

**Date**: April 25, 2024

**Purpose**: To verify that disaster recovery mechanisms are in place and functional.

**Test Case ID:** TC022

**Pre-Conditions:**

- Disaster recovery mechanisms are implemented in the Imtiaz Go system.

**Inputs:**

- Simulating disaster scenarios such as server failure, data corruption, or natural disasters.

**Expected Outputs:**

- Disaster recovery mechanisms should successfully restore the system to a functional state in case of disaster scenarios.

**Observed Outputs:**

- Disaster recovery mechanisms successfully restore the system to a functional state in case of disaster scenarios.