IT-314 Software Engineering:
Canteen Automation System
Group 29

Acceptance Testing:

Customer/Student side:

UAT-1:

1) <u>Description</u>:
Verify the functionality, security, and user-friendliness of the login page to ensure it meets user requirements and standards.

2) <u>Prerequisite</u>:
Ensure the test environment is set up with the latest version of the login page, and relevant user accounts for testing are available.

3) <u>Test Steps</u>:

a) Valid Credentials:
   - Description: Input valid username and password.

   - Test Steps:
     1. Navigate to the login page.
     2. Enter a valid mail id.
     3. Enter a valid password.
     4. Click the login button.

4) <u>Result</u>: Successful login; access to the system/dashboard is granted.

5) <u>Pass/Fail</u>: Pass

UAT-2:

1) <u>Description</u>:
Verify the functionality, usability, and reliability of the Canteen Automation System, specifically focusing on a student's ability to order food from Canteen.

2) <u>Prerequisite</u>:
Ensure the test environment is set up with the latest version of the Canteen Automation System, and the student's account is properly configured with access to order from any of the four canteen stalls.

3) <u>Test Steps</u>:
a) Browse Canteen Stalls:
   - Description: Navigate through the canteen stalls.

   - Test Steps:
     1. Log in to the Canteen Automation System.
     2. Browse available canteen stalls.

b) Select Canteen Stall:
   - Description: Choose a specific canteen stall for ordering.
   - Test Steps:
     1. Click on one of the canteen stalls.
   - Result: Smooth transition to the selected canteen's menu; the menu items are correctly displayed.

c) Add Items to Cart:
   - Description: Add food items to the shopping cart.
   - Test Steps:
     1. Select food items from the menu.
     2. Specify quantity and add items to the cart.
   - Result:Items are successfully added to the cart; accurate pricing and details are reflected.

d) Review and Confirm Order:
  - Description:Review the selected items and confirm the order.
  - Test Steps:
   1. Navigate to the shopping cart.
   2. Review selected items and quantities.
   3. Confirm the order.
  - Result: Order confirmation; accurate summary of the order, including total cost and delivery details. Student will receive a mail once their order is ready.

4) <u>Pass/Fail</u>: Pass

Canteen Side:

UAT-1:

1) <u>Description</u>:
Verify the functionality and security of the login process for canteen staff in the Canteen
Automation System.

2) <u>Prerequisite</u>:
Ensure the test environment is set up with the latest version of the Canteen Automation System,
and canteen staff accounts are properly configured.

3) <u>Test Steps</u>:

-Canteen Staff Login:
   - Test Steps:
      1. Access the Canteen Automation System login page.
      2. Enter valid canteen staff credentials.
      3. Log in to the system.

 4)<u>Result</u>: Successful login; access to canteen staff functionalities.

 5) <u>Pass/Fail</u>: Pass

UAT-2:

1) Description:

Verify the order processing functionality and efficiency of the Canteen Automation System from the canteen staff's perspective.

2) Prerequisite:

Ensure the test environment is set up with the latest version of the Canteen Automation System, and canteen staff accounts have the necessary privileges.

3) Test Steps:

a) Order Queue Overview:
   - Description: Check the order queue for incoming orders.
   - Test Steps:
     1. Navigate to the order management section after logging in.
     2. Verify the presence of a real-time order queue.
   - Result: Clear and updated order queue displaying incoming orders with relevant details.

   b) Order Processing:
     - Description:Process incoming orders efficiently.
     - Test Steps:
       1. Select an order from the queue.
       2. Review order details and confirm processing.
     - Result:Successful order processing; confirmation to the user is sent.

   c) Update Order Status:
     - Description: Update the status of processed orders.
     - Test Steps:
       1. Change the order status to reflect the current stage.
     -Result:Order status updated; real-time information for users.

   d) Notification Handling:
     - Description:Ensure proper handling of notifications.
     - Test Steps:
       1. Verify that canteen staff receive notifications for new orders.
       2. Confirm users receive timely notifications about order updates.
       3. Students will receive a mail when their order is ready.

4)Result: Canteen staff and users receive accurate and timely notifications.

5) Pass/Fail: Pass