



National University
Of Computer and Emerging Sciences

TEST REPORT

Cuisine Courier

Subject: Software Quality Engineering

GROUP MEMBERS:

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TEST PLAN

1. Purpose

The purpose of writing test cases for Cuisine Courier documentation is to ensure that the food delivery system functions as intended. Test cases help identify and fix any potential issues or bugs in the system, ensuring a smooth and reliable user experience. By documenting test scenarios, we can verify that key features such as order placement, payment processing, and delivery tracking work correctly. This quality assurance process enhances the overall reliability and performance of Cuisine Courier, delivering a seamless and satisfactory service to users.

2. Features to be tested

The features are categorized in two-part, and both are interconnected;

Admin Features:

- Admin Can Login
- Admin Can Register
- Admin can Logout
- Admin can add Restaurants
- Admin can delete Restaurants

- Admin can add items

- Admin can delete specific items

- Admin can add any type of Category name for Items

- Admin can edit specific items

- Admin can view all customer order details

- Admin can view all customer registered

User Features:

- User can register

- User can Login

- User can Logout
- User can view Restaurants
- User can remove/add item from Cart
- User can order product(foods)
- User can see Update profile

3. Features not to be tested

- Delivered or Not
- Payment Received or Not
- Real-world Security Scenarios
- Hardware-Dependent Functionality
- Cross-Browser Compatibility:

4. Approach

The testing approach will include a combination of manual and automated testing.

- ❖ **Unit testing:** for individual functionalities of the system.
- ❖ **Integration testing:** for combined functionalities of the complete system.
- ❖ **System testing:** for end-to-end scenarios.
- ❖ **Security testing:** for user authentication and authorization.

5 Environmental needs

Operating System: Windows/Linux

Framework: Java Spring Boot, Swing

Database: PostgreSQL

Networking: Currently on local Server

6 Suspension Criteria and resumption requirement

Suspension Criteria:

- ❖ Critical defects impacting core functionality.
- ❖ Security vulnerabilities compromising user data.
- ❖ Testing will be suspended if critical defects impact core functionality.

Resumption Requirements:

- ❖ Resolution of critical defects.
- ❖ Security vulnerabilities addressed and validated.
- ❖ Testing will resume after critical defects are addressed and retested.

7 Schedule

The unit testing was done for almost 17 days. Then later system testing was done for almost 3 days

Milestone:

Started: 13/11/23 Completion of Unit test: 30/11/23 Completion of System test
3/12/23

8 Acceptance criteria

Failing Criteria:

The test is considered failed if any of the following is encountered: -

- The Software Crashes
- It Results in wrong
- Any Exception case happened

Passing Criteria:

The test is considered passed if any of the following is encountered.

- The Correct results are obtained

9 Roles & Responsibility

Project Testing & Documentation Done by Zeeshan & Hasan Amir

Testing Verification & Validation done by Suleman

Test Cases:

Table presents the Registration use case description to show the interaction between a manager and an application when enable to get order from the system.

ADMIN:

Name	TC-1: Registration
Requirement	FR1: User should be able to Register Successfully
Pre-Conditions	The admin enters the Cuisine Courier application

Steps	<p>This describes the event when the manager is accessing the system for the first time. It will ask for all the details about the admin i.e.</p> <ol style="list-style-type: none"> 1. Name* 2. Number* 3. Address* 4. Password* 5. Confirm Password 6. Email*
Expected Result	Registered Successfully
Exception	E1: A user does not enter the steric detail

Table 1

Name	TC-2: Login
Requirement	FR2: Admin login successfully
Pre-Conditions	The admin enters the Cuisine Courier application
Steps	<ul style="list-style-type: none"> • Go to the admin login panel • Write the username and password • Enter Login Button
Expected Result	Login Successfully
Exception	E2: Admin haven't sign up for their Account

Table 2

Name	TC-3: Logout
Requirement	FR3: Admin Logout successfully
Pre-Conditions	The admin Logins the Cuisine Courier application

Steps	<ul style="list-style-type: none"> • On top Left Corner select Logout button • Enter it
Expected Result	Logout Successfully, On Main Panel
Exceptions	E3: Admin haven't Login the account

Table 3

Name	TC-4: Add Restaurant
Requirement	FR4: Admin should add Restaurant into the system
Pre-Conditions	The admin Logins the Cuisine Courier application
Steps	<ul style="list-style-type: none"> • Select Add Restaurant Button on admin home page • Insert Restaurant Name, Type of Cuisine, City and Other things • click on add Restaurant
Expected Result	Added Successfully
Exceptions	E4: Admin haven't entered all the details or entered wrong details of the Restaurant asked.

Table 4

Name	TC-5: Delete Restaurant
Requirement	FR5: The Restaurant must be deleted
Pre-Conditions	The admin Logins the Cuisine Courier application
Steps	<ul style="list-style-type: none"> • Select Delete Restaurant Button on admin home page • Insert Restaurant ID • click on Delete Restaurant
Expected Result	Deleted Successfully
Exceptions	E5: No such Restaurant exist in the system due entered wrong ID

Table 5

Name	TC-6: Add Items
Requirement	FR6: Admin should enter the items
Pre-Conditions	There should Restaurant exist in the system
Steps	<ul style="list-style-type: none"> • Select Add Items Button on admin home page • Insert Item Name, Item Category, About Dish, Price and other things • Select on which Restaurant menu to be added • click on add item
Expected Result	Added Successfully
Exceptions	All details are not entered, or the items are entering in the Restaurant does not exist

Table 6

Name	TC-7: Delete Items
Requirement	FR7: Admin should delete that item
Pre-Conditions	There should Restaurant and its menu exist in the system
Steps	<ul style="list-style-type: none"> • Select delete Items Button on admin home page • Insert Item Id • click on delete item
Expected Result	Deleted Successfully
Exceptions	E7: No such item id exists in system

Table 7

Name	TC-8: Add Category
Requirement	FR8: Admin add the Category
Pre-Conditions	The admin Logins the Cuisine Courier application
Steps	<ul style="list-style-type: none"> • Select Add Category Button on admin home page

	<ul style="list-style-type: none"> • Insert Category ID, Category Name, • click on add category
Expected Result	Category Successfully
Exceptions	E8: All details are not entered correct

Table 8

Name	TC-9: Edit Items
Requirement	FR9: Admin can edit the item which was not entered previously
Pre-Conditions	There should Restaurant and its menu exist in the system
Steps	<ul style="list-style-type: none"> • Select Edit Items Button on admin home page • Insert Item Id • Add the changes you wanted to make in the items • Click on Edit Item
Expected Result	Edit Successfully
Exceptions	E9: No such item id exists in system

Table 9

Name	TC-10: Order History
Requirement	FR9: Admin should see the all the orders which was ordered by the customers
Pre-Conditions	There should be an order received previously from customers
Steps	<ul style="list-style-type: none"> • Select Previous Order Button on admin home page • A table would come
Expected Result	A table would come of all the previous order ordered by the customer
Exceptions	E10: If there is no order placed by a single customer

Table 10

Name	TC-11: View Customer
Requirement	FR11: Admin can view all the customers details
Pre-Conditions	There should a customer signup for the application
Steps	<ul style="list-style-type: none"> • Select View customer Order Button on admin home page • A table would come
Expected Result	A table would come of all the customer who have sign up for the application
Exceptions	E11: If there is no such user who had signup for the application

Table 11

CUSTOMER:

Name	TC-1: Registration
Requirement	FR1: User can register the account successfully
Pre-Conditions	The User enters the Cuisine Courier application
Steps	<p>This describes the event when the manager is accessing the system for the first time. It will ask for all the details about the User i.e.</p> <p>7. Name*</p> <p>8. Number*</p> <p>9. Address*</p> <p>10.Password*</p> <p>11.Confirm Password</p> <p>12.Email*</p>
Expected Result	Registered Successfully
Exceptions	E1: A user does not enter the steric detail

Table 12

Name	TC-2: Login
Requirement	FR2: Customer can login the account

Pre-Conditions	The user enters the Cuisine Courier application
Steps	<ul style="list-style-type: none"> • Go to the user login panel • Write the username and password • Enter Login Button
Expected Result	Login Successfully
Exceptions	E2: User haven't sign up for their Account or entered invalid credentials

Table 13

Name	TC-3: Logout
Requirement	FR3: User can Logout the account
Pre-Conditions	The user Logins the Cuisine Courier application
Steps	<ul style="list-style-type: none"> • On top Left Corner select Logout button • Enter it
Expected Result	Logout Successfully, On Main Panel
Exceptions	E3: User haven't Login the account

Table 14

Name	TC-4: View Restaurant
Requirement	FR4: Customer can view all the Restaurant
Pre-Conditions	The user is logged in to the system
Steps	<ul style="list-style-type: none"> • First Login the system • Select the button View Restaurant from User page
Result	Enable customers to view the item from the Restaurant
Exceptions	Not login the system

Table 15

Name	TC-5: View Cart
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Requirement	FR6: Customer can view the cart
Pre-Conditions	The user is logged in to the system And added some item from the restaurant
Steps	<ul style="list-style-type: none"> • First add the item from Restaurant based search or from category items • Select View Cart button on home page
Result	Enable customers to review all the item from the cart
Exceptions	E6: Not login the system

Table 16

Name	TC-6: Remove Item
Requirement	FR6: Customer can remove the item from cart
Pre-Conditions	The user is logged in to the system For deletion, the user has added an item.
Steps	<ul style="list-style-type: none"> • This use case describes the event when the customer wanted to order food from the restaurant. • So, they must have added something to their cart. If he/she had added an item but wanted to remove the item there is an option for it as well. • So, select the Remove button present on the cart option
Result	Successfully removed from the cart
Exceptions	E6: No items added in the cart

Table 17

Name	TC-7: Place Order
Requirement	FR7: Customer can place the order
Pre-Conditions	The user is logged in to the system

	And added some item from the restaurant
Steps	<ul style="list-style-type: none"> • And he/she had added items to the cart and given all the necessary information • Select Place order button
Result	Ordered Placed Successfully
Exceptions	E7: If there is nothing in the cart

Table 18

Name	TC-8: Update Profile
Requirement	FR8: the profile must be updated of the customer
Pre-Conditions	The user had created his/her account & login into the system
Steps	<ul style="list-style-type: none"> • when the customer wanted to update his /her details which are given to the system when he is registering on the system. The following options will come <ul style="list-style-type: none"> I. Address II. Number III. Email IV. Password • Select Place Update button
Result	Updated Successfully
Exceptions	E8: Account is not sign up

Table 19

For Customer

Test Suite: Place restaurant

Test Case 2: Login

Test case 4: View Restaurant

Test Case 3: Add Cart

Test Case 4: Review Ordered

Test Case 5: Logout

Test Suite: Add/ Delete Item

Test Case 2: Login

Test case 4: View Cart

Test Case 3: Edit Cart

Test Case 4: Review Cart

Test Case 5: Logout

User Account Info

Test Case 1: View profile

Test Case 2: View all his/her ordered

For Admin

Test Suite: Add & Delete Restaurant

Test Case 2: Login

Test Case 4: Add food

Test Case 5: Delete Restaurant

Test Case 3: Logout

Test Suite: Add & Delete Item

Test Case 2: Login

Test Case 6: Add Item

Test Case 7: Edit Item

Test Case 8: Delete Item

Test Case 3: Logout

Test Suite: Customer Details

Test Case 4: Login

Test Case 10: Order History

Test Case 11: View All Customer

Test Case 3: Logout