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# Sprint 1

## User Acceptance Testing

### Test Case Results and Screenshots

#### User Story #1

As a User Admin, I want to login so that I can manage user accounts

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Starting page is displayed |

|  |  |
| --- | --- |
| **Test Case 1.1 – Login with valid User Admin credentials** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in valid credentials 3. Select ‘User Admin’ in profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Logged in and User Admin homepage displayed |
| **Actual Results** | Logged in and User Admin homepage displayed |
| **Test Case 1.2 – Login with invalid User Admin credentials** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in invalid credentials 3. Select ‘User Admin’ in profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |
| **Test Case 1.3 – Login with valid User Admin credentials but wrong profile** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in valid credentials 3. Select wrong profile in the profile dropdown menus 4. Click ‘Login’ button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |

|  |  |
| --- | --- |
| Screenshots for User Story #1 | |
| Login page with valid credentials | User admin homepage after login |
| Error message with invalid credentials |  |

#### User Story #2

As a User Admin, I want to logout so that other people can login and for security purposes

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 2.1 – Log out from the User Admin account** | |
| **Steps** | 1. While in the User Admin homepage, click the log out button |
| **Expected Results** | Logged out and returned to the login page |
| **Actual Results** | Logged out and returned to the login page |

|  |  |
| --- | --- |
| Screenshots for User Story #2 | |
| Pressing Logout from homepage | Returned to login page |

#### User Story #13

As a Restaurant Manager, I want to login so that I can create/modify menu items, coupons, etc.

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Starting page is displayed |

|  |  |
| --- | --- |
| **Test Case 13.1 – Login with valid Restaurant Manager credentials** | |
| **Steps** | 1. Click 'Staff' button 2. Type in valid username and password 3. Select Restaurant Manager in the profile login dropdown menu 4. Click 'Login' button |
| **Expected Results** | Logged in and Restaurant Manager homepage displayed |
| **Actual Results** | Logged in and Restaurant Manager homepage displayed |
| **Test Case 13.2 – Login with invalid Restaurant Manager credentials** | |
| **Steps** | 1. Click 'Staff' button 2. Type in invalid username and password 3. Select Restaurant Manager in the profile login dropdown menu 4. Click 'Login' button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |
| **Test Case 13.3 – Login with valid Restaurant Manager credentials but wrong profile** | |
| **Steps** | 1. Click 'Staff' button 2. Type in valid username and password 3. Select wrong profile in the profile login dropdown menu 4. Click 'Login' button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |

|  |  |
| --- | --- |
| Screenshots for User Story #13 | |
| Login page with valid credentials | Restaurant Manager homepage after login |
| Error message with invalid credentials |  |

#### User Story #14

As a Restaurant Manager, I want to logout so that other people can login and for security purposes

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 14.1 – Log out from the Restaurant Manager account** | |
| **Steps** | 1. While in the Restaurant Manager homepage, click the log out button |
| **Expected Results** | Logged out and returned to the login page |
| **Actual Results** | Logged out and returned to the login page |

|  |  |
| --- | --- |
| Screenshots for User Story #14 | |
| Pressing Logout from homepage | Returned to login page |

#### User Story #20

As a Restaurant Staff, I want to login so that I can manage and fulfil orders

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Starting page is displayed |

|  |  |
| --- | --- |
| **Test Case 20.1 – Login with valid Restaurant Staff credentials** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in valid credentials 3. Select ‘Restaurant Staff’ in profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Logged in and Restaurant Staff homepage displayed |
| **Actual Results** | Logged in and Restaurant Staff homepage displayed |
| **Test Case 20.2 – Login with invalid Restaurant Staff credentials** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in invalid credentials 3. Select ‘Restaurant Staff’ in profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |
| **Test Case 20.3 – Login with valid Restaurant Staff credentials but wrong profile** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in valid credentials 3. Select wrong profile in the profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |

|  |  |
| --- | --- |
| Screenshots for User Story #20 | |
| Login page with valid credentials | Restaurant Staff homepage after login |
| Error message with invalid credentials |  |

#### User Story #21

As a Restaurant Staff, I want to logout so that other people can login and for security purposes

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Staff 3. Restaurant Staff Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 21.1 – Log out from the Restaurant Staff account** | |
| **Steps** | 1. While in the Restaurant Staff homepage, click the log out button |
| **Expected Results** | Logged out and returned to the login page |
| **Actual Results** | Logged out and returned to the login page |

|  |  |
| --- | --- |
| Screenshots for User Story #21 | |
| Pressing Logout from homepage | Returned to login page |

#### User Story #35

As a Restaurant Owner, I want to login to my account, so that I can view and manage the data

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Starting page is displayed |

|  |  |
| --- | --- |
| **Test Case 35.1 – Login with valid credentials** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in valid credentials 3. Select ‘Restaurant Owner’ in profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Logged in and Restaurant Owner homepage displayed |
| **Actual Results** | Logged in and Restaurant Owner homepage displayed |

|  |  |
| --- | --- |
| **Test Case 35.2 – Login with invalid credentials** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in invalid credentials 3. Select ‘Restaurant Owner’ in profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |

|  |  |
| --- | --- |
| **Test Case 35.3 – Login with valid credentials but wrong profile** | |
| **Steps** | 1. Click ‘Staff’ button 2. Type in valid credentials 3. Select wrong profile in the profile dropdown menu 4. Click ‘Login’ button |
| **Expected Results** | Failed Login |
| **Actual Results** | Failed Login |

|  |  |
| --- | --- |
| Screenshots for User Story #35 | |
| Login page with valid credentials | Restaurant Owner homepage after login |
| Error message with invalid credentials |  |

#### User Story #36

As a Restaurant Owner, I want to logout of my account, so that other people can login and for security purposes.

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Owner 3. Restaurant Owner Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 36.1 – Log out from the Restaurant Owner account** | |
| **Steps** | 1. While in the Restaurant Owner homepage, click the log out button |
| **Expected Results** | Logged out and returned to the login page |
| **Actual Results** | Logged out and returned to the login page |

|  |  |
| --- | --- |
| Screenshots for User Story #36 | |
| Pressing Logout from homepage | Returned to login page |

# Sprint 2

## User Acceptance Testing

### Test Case Results and Screenshots

#### User Story #3

As a User Admin, I want to create a user account so that I can create an account for a new employee

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 3.1 – Create with new credentials** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘User Account’ button 3. Type in new user account details 4. Select role for the account 5. Click the ‘Create Account’ button |
| **Expected Results** | The program will show a window telling the user a new account is created |
| **Actual Results** | The program will show a window telling the user a new account is created |
| **Test Case 3.2 – Create with existing credentials** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘User Account’ button 3. Type in duplicate user account details 4. Click the ‘Create Account’ button |
| **Expected Results** | The program will show a window telling the user that the account already exists |
| **Actual Results** | The program will show a window telling the user that the account already exists |
| **Test Case 3.3 – Create with missing credentials** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘User Account’ button 3. Type only username or password or neither 4. Click the ‘Create Account’ button |
| **Expected Results** | The program will show a window telling the user that fields should not be left empty |
| **Actual Results** | The program will show a window telling the user that fields should not be left empty |

|  |  |
| --- | --- |
| Screenshots for User Story #3 | |
| Create page after clicking ‘User Account’ button | Message after new account created |
| Message when trying to create existing account | Message when trying to create with empty fields |

#### User Story #8

As a User Admin, I want to create a user profile so that I can create a profile for a new employee

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 8.1 – Create new profile** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘User Profile’ button 3. Type in new user profile details 4. Click the ‘Create Profile’ button |
| **Expected Results** | The program will show a window telling the user a new profile is created |
| **Actual Results** | The program will show a window telling the user a new profile is created |
| **Test Case 8.2 – Create duplicate profile** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘User Profile’ button 3. Type in duplicate user profile details 4. Click the ‘Create Profile’ button |
| **Expected Results** | The program will show a window telling the user that the profile already exists |
| **Actual Results** | The program will show a window telling the user that the profile already exists |
| **Test Case 8.3 – Create with missing info** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘User Profile’ button 3. Click the ‘Create Profile’ button |
| **Expected Results** | The program will show a window telling the user that fields should not be left empty |
| **Actual Results** | The program will show a window telling the user that fields should not be left empty |

|  |  |
| --- | --- |
| Screenshots for User Story #8 | |
| Create page after clicking ‘User Profile’ button | Message when profile is created |
| Message when creating duplicate profile | Message when leaving fields empty |

#### User Story #4

As a User Admin, I want to edit user accounts, so that I can change and update the user account information

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 4.1 – Edit user account** | |
| **Steps** | 1. Click ‘Edit’ button 2. Click ‘User Account’ button 3. Select a User Account 4. Modify the details in the fields 5. Click ‘Edit User Account’ button |
| **Expected Results** | The program will show a window telling the user that the edits are saved |
| **Actual Results** | The program will show a window telling the user that the edits are saved |
| **Test Case 4.2 – Edit details without selecting user** | |
| **Steps** | 1. Click ‘Edit’ button 2. Click ‘User Account’ button 3. Modify the details without selecting user 4. Click ‘Edit User Account’ button |
| **Expected Results** | The program will warn the user that the account does not exist |
| **Actual Results** | The program will warn the user that the account does not exist |
| **Test Case 4.3 – Edit with empty fields** | |
| **Steps** | 1. Click ‘Edit’ button 2. Click ‘User Account’ button 3. Select a User Account 4. Clear the username, password fields 5. Click ‘Edit User Account’ button |
| **Expected Results** | The program will warn the user that there are empty fields |
| **Actual Results** | The program will warn the user that there are empty fields |

|  |  |
| --- | --- |
| Screenshots for User Story #4 | |
| Edit page after ‘User Account’ button is pressed | Message after account is edited |
| Message with empty fields | Message when enter non-existent user details by not selecting user first |

#### User Story #9

As a User Admin, I want to edit user profiles, so that I can change and update the user profile information

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 9.1 – Edit User Account** | |
| **Steps** | 1. Click ‘Edit’ button 2. Click ‘User Profile’ button 3. Select a User Profile 4. Modify the details in the fields 5. Click ‘Edit User Profile’ button |
| **Expected Results** | The program will show a window telling the user that the edits are saved |
| **Actual Results** | The program will show a window telling the user that the edits are saved |
| **Test Case 9.2 – Edit details without selecting profile** | |
| **Steps** | 1. Click ‘Edit’ button 2. Click ‘User Profile’ button 3. Modify the details without selecting profile 4. Click ‘Edit User Profile’ button |
| **Expected Results** | The program will warn the user that the profile does not exist |
| **Actual Results** | The program will warn the user that the profile does not exist |
| **Test Case 9.3 – Edit with empty fields** | |
| **Steps** | 1. Click ‘Edit’ button 2. Click ‘User Profile’ button 3. Select a User Profile 4. Clear the profile name field 5. Click ‘Edit User Profile’ button |
| **Expected Results** | The program will warn the user that there are empty fields |
| **Actual Results** | The program will warn the user that there are empty fields |

|  |  |
| --- | --- |
| Screenshots for User Story #9 | |
| Edit page after ‘User Profile’ button is pressed | Message after profile is edited |
| Message with empty fields | Message when not selecting profile and editing the fields |

#### User Story #5

As a User Admin, I want to be able to search for user accounts so that I can look for specific user accounts

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 5.1 – Search for existing user by Username** | |
| **Steps** | 1. Click ‘View’ button 2. Click ‘User Account’ button 3. Type an existing username 4. Click ‘Search by Username’ button |
| **Expected Results** | The program will show the list of user accounts that match the criteria |
| **Actual Results** | The program will show the list of user accounts that match the criteria |
| **Test Case 5.2 – Search for non-existent user by Username** | |
| **Steps** | 1. Click ‘View’ button 2. Click ‘User Account’ button 3. Type a non-existing username 4. Click ‘Search by Username’ button |
| **Expected Results** | The program will show an empty list |
| **Actual Results** | The program will show an empty list |

|  |  |
| --- | --- |
| Screenshots for User Story #5 | |
| View page after ‘User Account’ button pressed | Search by Username result of ‘Staff22’ |
| Searching non-existent username |  |

#### User Story #10

As a User Admin, I want to be able to search for user profiles so that I can look for specific user profiles

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 10.1 – Search for existing user by User Profile** | |
| **Steps** | 1. Click ‘View’ button 2. Click ‘User Profile’ button 3. Type an existing user profile 4. Click ‘Search by User Profile’ button |
| **Expected Results** | The program will show the list of user profiles that match the criteria |
| **Actual Results** | The program will show the list of user profiles that match the criteria |
| **Test Case 10.2 – Search for non-existent user by User Profile** | |
| **Steps** | 1. Click ‘View’ button 2. Click ‘User Profile’ button 3. Type a non-existing user profile 4. Click ‘Search by User Profile’ button |
| **Expected Results** | The program will show an empty list |
| **Actual Results** | The program will show an empty list |

|  |  |
| --- | --- |
| Screenshots for User Story #10 | |
| View page after ‘User Profile’ button pressed | Search by Profile Name result of ‘user admin’ |
| Searching non-existent user profile |  |

#### User Story #6

As a User Admin, I want to view user accounts so that I can retrieve user account information

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 6.1 – View all accounts** | |
| **Steps** | 1. Click ‘View’ button 2. Click ‘User Account’ button |
| **Expected Results** | The program will show the list of user accounts |
| **Actual Results** | The program will show the list of user accounts |

|  |  |
| --- | --- |
| Screenshots for User Story #6 | |
|  | Clicking the ‘User Account’ button will show the list of all accounts |

#### User Story #11

As a User Admin, I want to view user profiles so that I can retrieve user profile information

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 11.1 – View all profiles** | |
| **Steps** | 1. Click ‘View’ button 2. Click ‘User Profile’ button |
| **Expected Results** | The program will show the list of user profiles |
| **Actual Results** | The program will show the list of user profiles |

|  |  |
| --- | --- |
| Screenshots for User Story #11 | |
|  | Clicking the ‘User Profile’ button will show the list of all User Profiles |

#### User Story #7

As a User Admin, I want to be able to suspend user accounts, so that I can suspend their user account if they leave the company

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 7.1 – Suspend user account** | |
| **Steps** | 1. Click ‘Suspend’ button 2. Click ‘User Account’ button 3. Select an active user account 4. Click ‘Suspend/Un-suspend Account’ button |
| **Expected Results** | The program will show that the user account is suspended |
| **Actual Results** | The program will show that the user account is suspended |

|  |  |
| --- | --- |
| **Test Case 7.2 – Un-suspend user account** | |
| **Steps** | 1. Click ‘Suspend’ button 2. Click ‘User Account’ button 3. Select an inactive user account 4. Click ‘Suspend/Un-suspend Account’ button |
| **Expected Results** | The program will show that the user account is un-suspended |
| **Actual Results** | The program will show that the user account is un-suspended |

|  |  |
| --- | --- |
| **Test Case 7.3 – Suspend/Un-suspend without selecting user account** | |
| **Steps** | 1. Click ‘Suspend’ button 2. Click ‘User Account’ button 3. Click ‘Suspend/Un-suspend Account’ button |
| **Expected Results** | The program will tell the user that no user is selected |
| **Actual Results** | The program will tell the user that no user is selected |

|  |  |
| --- | --- |
| Screenshots for User Story #7 | |
| Suspend page after ‘User Account’ button is pressed | Message after account is suspended |
| Message after account is un-suspended | Message when no user is selected |

#### User Story #12

As a User Admin, I want to be able to suspend user profiles, so that I can suspend unused user profiles

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as User Admin 3. User Admin Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 12.1 – Suspend user profile** | |
| **Steps** | 1. Click ‘Suspend’ button 2. Click ‘User Profile’ button 3. Select an active user profile 4. Click ‘Suspend/Un-suspend Account’ button |
| **Expected Results** | The program will show that the user profile is suspended |
| **Actual Results** | The program will show that the user profile is suspended |
| **Test Case 12.2 – Un-suspend user profile** | |
| **Steps** | 1. Click ‘Suspend’ button 2. Click ‘User Profile’ button 3. Select an inactive user profile 4. Click ‘Suspend/Un-suspend Account’ button |
| **Expected Results** | The program will show that the user profile is un-suspended |
| **Actual Results** | The program will show that the user profile is un-suspended |
| **Test Case 12.3 – Suspend/Un-suspend without selecting user profile** | |
| **Steps** | 1. Click ‘Suspend’ button 2. Click ‘User Profile’ button 3. Click ‘Suspend/Un-suspend Account’ button |
| **Expected Results** | The program will tell the user that no user profile is selected |
| **Actual Results** | The program will tell the user that no user profile is selected |

|  |  |
| --- | --- |
| Screenshots for User Story #12 | |
| Suspend page after ‘User Profile’ button is pressed | Message after profile is suspended |
| Message after profile is un-suspended | Message when no profile is selected |

#### User Story #27

As a Customer, I want to Insert Table Number, so that I can start placing order under my table number for identification

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Starting page is displayed |

|  |  |
| --- | --- |
| **Test Case 27.1 – Insert table number** | |
| **Steps** | 1. Click ‘Customer’ button 2. Enter the table number in the table number field 3. Click ‘View Menu’ button |
| **Expected Results** | The program will open the customer home page |
| **Actual Results** | The program will open the customer home page |

|  |  |
| --- | --- |
| **Test Case 27.1 – Insert table number** | |
| **Steps** | 1. Click ‘Customer’ button 2. Leave the table number field empty 3. Click ‘View Menu’ button |
| **Expected Results** | The program will warn the user that no table number is entered |
| **Actual Results** | The program will warn the user that no table number is entered |

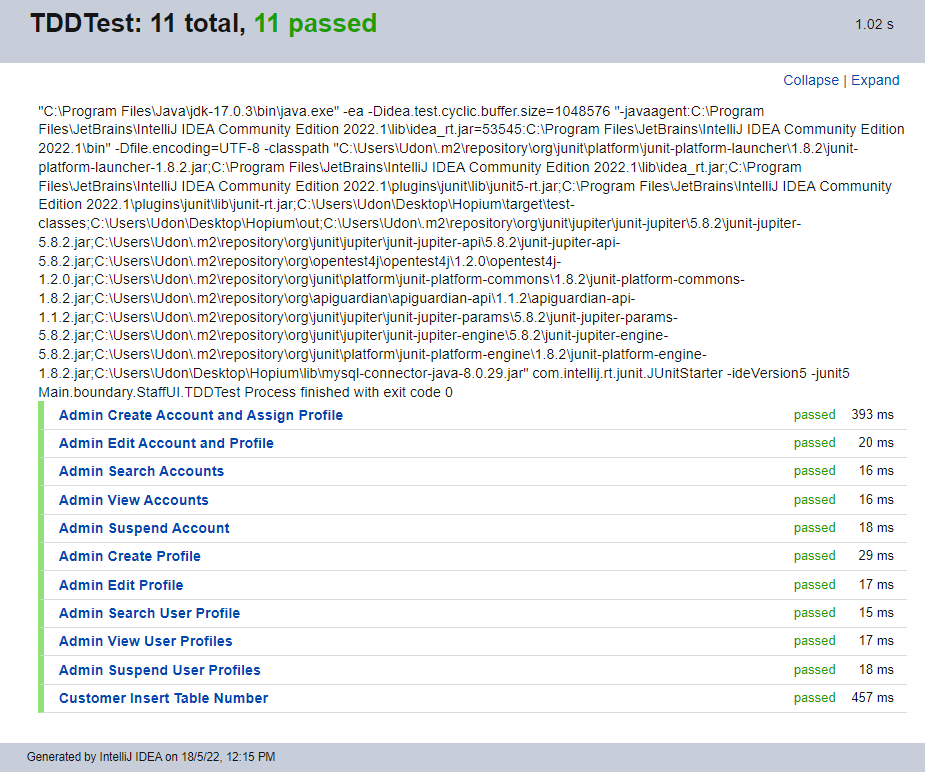
|  |  |
| --- | --- |
| Screenshots for User Story #27 | |
| Customer Login Page | Error message when no table number is entered |
| Customer is directed to the Customer Homepage |  |

## Test Driven Development

Test Driven Development is done for Sprint 2 with the java file TDDTest.java

|  |  |  |
| --- | --- | --- |
| Test Function Name | User Story # to be Tested | Expected Result |
| testAdminCreateAccount() | 3 | True |
| testAdminEditAccount() | 4 | True |
| testAdminSearchAccount() | 5 | String[] [] |
| testAdminViewAccount() | 6 | String[] [] |
| testAdminSuspendAccount() | 7 | True |
| testAdminCreateProfile() | 8 | True |
| testAdminEditProfile() | 9 | True |
| testAdminSearchProfile() | 10 | String[] [] |
| testAdminViewProfile() | 11 | String[] [[] |
| testAdminSuspendProfile() | 12 | True |
| testCustomerInsertTableNumber() | 27 | No Exceptions Thrown |

### Test Results from JUnit 5

Latest Test run on 18/5/2022

# Sprint 3

## User Acceptance Testing

### Test Case Results and Screenshots

#### User Story #28

As a Customer, I want to browse the menu, so that I can choose what menu items I want

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 28.1 – View Menu** | |
| **Steps** | 1. Click ‘View Menu’ button |
| **Expected Results** | The program will display the menu |
| **Actual Results** | The program will display the menu |

|  |  |
| --- | --- |
| Screenshots for User Story #28 | |
|  | Menu screen after clicking the View Menu button |

#### User Story #29

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 29.1 – Add menu item to cart** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Select menu item 3. Change the quantity to desired amount 4. Click ‘Add To Cart’ button |
| **Expected Results** | The program will display a message telling the customer the item is added to cart |
| **Actual Results** | The program will display a message telling the customer the item is added to cart |

|  |  |
| --- | --- |
| **Test Case 29.2 – Add menu item to cart with 0 quantity** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Select menu item 3. Change the quantity to 0 4. Click ‘Add To Cart’ button |
| **Expected Results** | The program will display a message telling the customer that the quantity cannot be 0 |
| **Actual Results** | The program will display a message telling the customer that the quantity cannot be 0 |

|  |  |
| --- | --- |
| **Test Case 29.3 – Add menu item to cart without selecting and item** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Click ‘Add To Cart’ button |
| **Expected Results** | The program will display a message telling the customer no menu item is selected |
| **Actual Results** | The program will display a message telling the customer no menu item is selected |

|  |  |
| --- | --- |
| **Test Case 29.4 – Add menu item to cart with blank quantity** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Select menu item 3. Change the quantity to blank 4. Click ‘Add To Cart’ button |
| **Expected Results** | The program will display a message telling the customer that the quantity cannot be blank |
| **Actual Results** | The program will display a message telling the customer that the quantity cannot be blank |

|  |  |
| --- | --- |
| Screenshots for User Story #29 | |
| Message when item is added to cart | Error message when entering 0 for quantity |
| Error message when not selecting an item | Error message when selecting an item but leaving quantity empty |

#### User Story #30

As a Customer, I want to edit cart items, so that I can change the quantity of the items in my cart

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 30.1 – Edit cart item quantity** | |
| **Steps** | 1. Click ‘Edit Cart’ button 2. Select menu item 3. Type in new item quantity 4. Click ‘Update Cart’ button |
| **Expected Results** | The program will display a message telling the customer the item quantity is updated |
| **Actual Results** | The program will display a message telling the customer the item quantity is updated |

|  |  |
| --- | --- |
| **Test Case 30.2 – Edit cart item without selecting item** | |
| **Steps** | 1. Click ‘Edit Cart’ button 2. Click ‘Update Cart’ button |
| **Expected Results** | The program will display a message telling the customer that no item is selected |
| **Actual Results** | The program will display a message telling the customer that no item is selected |

|  |  |
| --- | --- |
| **Test Case 30.3 – Edit cart item quantity** | |
| **Steps** | 1. Click ‘Edit Cart’ button 2. Select menu item 3. Type in quantity as 0 4. Click ‘Update Cart’ button |
| **Expected Results** | The program will display a message telling the customer the item quantity is updated and the item is removed from the cart |
| **Actual Results** | The program will display a message telling the customer the item quantity is updated and the item is removed from the cart |

|  |  |
| --- | --- |
| Screenshots for User Story #30 | |
| Message after editing quantity | Message when updating without selecting item |
| Cart after updating ‘pasta2’ quantity to 0 |  |

#### User Story #31

As a Customer, I want to search different categories of menu items (main course, drinks etc), so that I can easily find the type of food I wish to order.

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 31.1 – Categorize menu items by pasta items** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Click ‘Pasta’ button |
| **Expected Results** | The program will display only pasta items |
| **Actual Results** | The program will display only pasta items |

|  |  |
| --- | --- |
| **Test Case 31.2 – Categorize menu items by pizza items** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Click ‘Pizza’ button |
| **Expected Results** | The program will display only pizza items |
| **Actual Results** | The program will display only pizza items |

|  |  |
| --- | --- |
| **Test Case 31.3 – Categorize menu items by baked rice items** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Click ‘Baked Rice’ button |
| **Expected Results** | The program will display only baked rice items |
| **Actual Results** | The program will display only baked rice items |

|  |  |
| --- | --- |
| **Test Case 31.4 – Categorize menu items by drinks** | |
| **Steps** | 1. Click ‘View Menu’ button 2. Click ‘Drinks’ button |
| **Expected Results** | The program will display only drink items |
| **Actual Results** | The program will display only drink items |

|  |  |
| --- | --- |
| Screenshots for User Story #31 | |
| Menu after pressing ‘Pasta’ button | Menu after pressing ‘Pizza’ button |
| Menu after pressing ‘Baked Rice’ button | Menu after pressing ‘Drinks’ button |

#### User Story #32

As a Customer, I want to view cart items, so that I can verify the items that I want to order

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 32.1 – View cart items** | |
| **Steps** | 1. Click ‘View Cart’ button |
| **Expected Results** | The program will display a list of all items in the cart |

|  |  |
| --- | --- |
| Screenshots for User Story #32 | |
|  | Interface after pressing ‘View Cart’ button |

#### User Story #33

As a Customer, I want to delete cart items, so that I can remove items from cart which I have incorrectly added/do not want anymore

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 33.1 – Delete cart item** | |
| **Steps** | 1. Click ‘Edit Cart’ button 2. Select menu item 3. Click ‘Delete Item’ button |
| **Expected Results** | The program will display a message telling the customer the item quantity is updated |
| **Actual Results** | The program will display a message telling the customer the item is deleted |

|  |  |
| --- | --- |
| **Test Case 33.2 – Delete cart item without selecting item** | |
| **Steps** | 1. Click ‘Edit Cart’ button 2. Click ‘Delete Item’ button |
| **Expected Results** | The program will display a message telling the customer that no item is selected |
| **Actual Results** | The program will display a message telling the customer that no item is selected |

|  |  |
| --- | --- |
| Screenshots for User Story #33 | |
| Message after deleting item | Message when deleting without selecting item |

#### User Story #425

As a Customer, I want to add/apply coupon at payment so that I pay a discounted price

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 425.1 – Add/Apply coupon at payment** | |
| **Steps** | 1. Click ‘Payment’ button 2. Enter invalid coupon code 3. Click ‘Input Coupon’ button |
| **Expected Results** | The program will show the user a message that the coupon is applied |
| **Actual Results** | The program will show the user a message that the coupon is applied |

|  |  |
| --- | --- |
| **Test Case 425.2 – Add/Apply coupon at payment** | |
| **Steps** | 1. Click ‘Payment’ button 2. Enter invalid coupon code 3. Click ‘Input Coupon’ button |
| **Expected Results** | The program will show the user a message that the coupon is invalid |
| **Actual Results** | The program will show the user a message that the coupon is invalid |

|  |  |
| --- | --- |
| Screenshots for User Story #425 | |
| Message when coupon is valid | Message when adding invalid coupon |

#### User Story #34

As a Customer, I want to do e-payment, so that I can make payment from the table

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. Customer has entered Table Number 3. Customer Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 34.1 – Perform e-payment** | |
| **Steps** | 1. Click ‘Payment’ button 2. Enter phone number 3. Click ‘Make Payment’ button |
| **Expected Results** | The program will show the user a message that payment has been completed |
| **Actual Results** | The program will show the user a message that payment has been completed |

|  |  |
| --- | --- |
| **Test Case 34.2 – Perform e-payment with no phone number** | |
| **Steps** | 1. Click ‘Payment’ button 2. Click ‘Make Payment’ button |
| **Expected Results** | The program will show the user a message that there is no phone number entered |
| **Actual Results** | The program will show the user a message that there is no phone number entered |

|  |  |
| --- | --- |
| **Test Case 34.3 – Perform e-payment with invalid phone number** | |
| **Steps** | 1. Click ‘Payment’ button 2. Enter invalid phone number 3. Click ‘Make Payment’ button |
| **Expected Results** | The program will show the user a message that the phone number is invalid |
| **Actual Results** | The program will show the user a message that the phone number is invalid |

|  |  |
| --- | --- |
| Screenshots for User Story #34 | |
| Message when payment is successful | Message when no phone number is entered |
| Message when invalid phone number is entered |  |

#### User Story #37, #38 and #39

As a Restaurant Owner, I want to generate daily average spending per visit, so that I can view customer spending patterns for the day for marketing purposes

As a Restaurant Owner, I want to generate weekly average spending per visit, so that I can view spending patterns for the week for marketing purposes

As a Restaurant Owner, I want to generate monthly average spending per visit, so that I can view spending patterns for the month for marketing purposes

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Owner 3. Restaurant Owner Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 37.1 – Generate Daily Average Spending per visit** | |
| **Steps** | 1. Click the ‘Average Spend Per Visit’ radio button. 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the average spend for the day in the left column |
| **Actual Results** | The program will display the average spend for the day in the left column |

|  |  |
| --- | --- |
| **Test Case 38.1 – Generate Weekly Average Spending per visit** | |
| **Steps** | 1. Click the ‘Average Spend Per Visit’ radio button. 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the average spend for the week in the middle column |
| **Actual Results** | The program will display the average spend for the week in the middle column |

|  |  |
| --- | --- |
| **Test Case 39.1 – Generate Monthly Average Spending per visit** | |
| **Steps** | 1. Click the ‘Average Spend Per Visit’ radio button. 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the average spend for the month on the right column |
| **Actual Results** | The program will display the average spend for the month on the right column |

|  |  |
| --- | --- |
| Screenshots for User Story #37, #38 and #39 | |
|  | Screenshot after pressing ‘Generate Data’ for Average Spend Per Visit |

#### User Story #40, #41 and #42

As a Restaurant Owner, I want to generate daily frequency/patterns of visits, so that I can view customer visiting frequency/patterns for the day for marketing purposes

As a Restaurant Owner, I want to generate weekly frequency/patterns of visits, so that I can view customer visiting frequency/patterns for the week for marketing purposes

As a Restaurant Owner, I want to generate monthly frequency/patterns of visits, so that I can view customer visiting frequency/patterns for the month for marketing purposes

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Owner 3. Restaurant Owner Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 40.1 – Generate Daily Frequency/Patterns of Visits** | |
| **Steps** | 1. Click the ‘Frequency/Patterns of Visits’ radio button 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the frequency/patterns of visits for the day in the left column |
| **Actual Results** | The program will display the frequency/patterns of visits for the day in the left column |

|  |  |
| --- | --- |
| **Test Case 41.1 – Generate Weekly Frequency/Patterns of Visits** | |
| **Steps** | 1. Click the ‘Frequency/Patterns of Visits’ radio button 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the frequency/patterns of visits for the week in the middle column |
| **Actual Results** | The program will display the frequency/patterns of visits for the week in the middle column |

|  |  |
| --- | --- |
| **Test Case 42.1 – Generate Monthly Frequency/Patterns of Visits** | |
| **Steps** | 1. Click the ‘Frequency/Patterns of Visits’ radio button 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the frequency/patterns of visits for the month on the right column |
| **Actual Results** | The program will display the frequency/patterns of visits for the month on the right column |

|  |  |
| --- | --- |
| Screenshots for User Story #40, #41 and #42 | |
|  | Screenshot after pressing ‘Generate Data’ for Frequency/Patterns of Visits |

#### User Story #43, #44 and #45

As a Restaurant Owner, I want to generate daily dish/drink preference, so that I can view customer dish/drink preference for the day for marketing purposes

As a Restaurant Owner, I want to generate weekly dish/drink preference, so that I can view customer dish/drink preference for the week for marketing purposes

As a Restaurant Owner, I want to generate monthly dish/drink preference, so that I can view customer dish/drink preference for the month for marketing purposes

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Owner 3. Restaurant Owner Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 43.1 – Generate Daily Dish/Drink Preference** | |
| **Steps** | 1. Click the ‘Dish/Drink Preference’ radio button 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the dish/drink preference for the day in the left column |
| **Actual Results** | The program will display the dish/drink preference for the day in the left column |

|  |  |
| --- | --- |
| **Test Case 44.1 – Generate Weekly Dish/Drink Preference** | |
| **Steps** | 1. Click the ‘Dish/Drink Preference’ radio button 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the dish/drink preference for the week in the middle column |
| **Actual Results** | The program will display the dish/drink preference for the week in the middle column |

|  |  |
| --- | --- |
| **Test Case 45.1 – Generate Monthly Dish/Drink Preference** | |
| **Steps** | 1. Click the ‘Dish/Drink Preference’ radio button 2. Click ‘Generate Data’ button |
| **Expected Results** | The program will display the dish/drink preference for the month on the right column |
| **Actual Results** | The program will display the dish/drink preference for the month on the right column |

|  |  |
| --- | --- |
| Screenshots for User Story #43, #44 and #45 | |
|  | Screenshot after pressing ‘Generate Data’ for Dish/Drink Preference |

# Sprint 4

## User Acceptance Testing

### Test Case Results and Screenshots

#### User Story #15

As a Restaurant Manager, I want to create menu items so that I can add new menu listings

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| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 15.1 – Add new menu listing** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Menu Items’ button 3. Input food name and price 4. Select food category 5. Click the ‘Create Menu Item’ button |
| **Expected Results** | The program will display a message that a new item is added |
| **Actual Results** | The program will display a message that a new item is added |

|  |  |
| --- | --- |
| **Test Case 15.2 – Add duplicate menu listing** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Menu Items’ button 3. Enter an existing menu item name and price 4. Click the ‘Create Menu Item’ button |
| **Expected Results** | The program will display a message that the menu item already exists |
| **Actual Results** | The program will display a message that the menu item already exists |

|  |  |
| --- | --- |
| **Test Case 15.3 – Add new menu listing with empty fields** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Menu Items’ button 3. Click the ‘Create Menu Item’ button |
| **Expected Results** | The program will display a message that fields cannot be left empty |
| **Actual Results** | The program will display a message that fields cannot be left empty |

|  |  |
| --- | --- |
| **Test Case 15.3 – Add new menu listing with price of 0** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Menu Items’ button 3. Enter menu name and price of 0 4. Click the ‘Create Menu Item’ button |
| **Expected Results** | The program will display a message that fields cannot be left empty |
| **Actual Results** | The program does not display an error message and creates item with price at 0. |
|  | Reported to programming team as Medium severity bug on 11/5/2022   * Fixed 11/5/2022 |
| **Retest Results** | The program will display a message that fields cannot be left empty |

|  |  |
| --- | --- |
| Screenshots for User Story #15 | |
| Message after menu item is created | Message when creating duplicate menu item |
| Message when creating with empty fields | Message when price is 0 |

#### User Story #16

As a Restaurant Manager, I want to edit menu items so that I can keep the menu items/prices up to date

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 16.1 – Edit menu listing** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Menu Items’ button 3. Select a menu item 4. Change the fields 5. Click the ‘Edit Menu Item’ button |
| **Expected Results** | The program will display a message that the menu listing is edited |
| **Actual Results** | The program will display a message that the menu listing is edited |

|  |  |
| --- | --- |
| **Test Case 16.2 – Edit menu listing with empty fields** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Menu Items’ button 3. Select a menu item 4. Delete the text in the fields 5. Click the ‘Edit Menu Item’ button |
| **Expected Results** | The program will display a message that fields cannot be left empty |
| **Actual Results** | The program will display a message that fields cannot be left empty |

|  |  |
| --- | --- |
| **Test Case 16.3 – Edit menu listing with price of 0** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Menu Items’ button 3. Select a menu item 4. Input price as 0 5. Click the ‘Edit Menu Item’ button |
| **Expected Results** | The program will display a message that price cannot be 0 |
| **Actual Results** | The program does not display an error message and changed the price to 0 |
|  | Reported to programming team as Medium severity bug on 11/5/2022   * Fixed on 11/5/2022 |
| **Retest Results** | The program will display a message that price cannot be 0 |

|  |  |
| --- | --- |
| Screenshots for User Story #16 | |
| Message when Menu item is updated | Message when fields are empty |
| Message when price is set as 0 |  |

#### User Story #17

As a Restaurant Manager, I want to search menu items so that I can look for specific menu items

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 17.1 – Search by menu item name** | |
| **Steps** | 1. Click the ‘Search’ button 2. Enter a menu item name in the search box 3. Click the ‘Search by Menu Item Name’ button |
| **Expected Results** | The program will display a table with the search results |
| **Actual Results** | The program will display a table with the search results |

|  |  |
| --- | --- |
| **Test Case 17.2 – Search by menu item name with empty field** | |
| **Steps** | 1. Click the ‘Search’ button 2. Click the ‘Search by Menu Item Name’ button |
| **Expected Results** | The program will display a message telling the user fields cannot be left empty |
| **Actual Results** | The program will display a message telling the user fields cannot be left empty |

|  |  |
| --- | --- |
| Screenshots for User Story #17 | |
| Search result of ‘pasta1’ | Message when searching with empty field |

#### User Story #18

As a Restaurant Manager, I want to view menu items so that I can view details of the menu item

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |  |
| --- | --- | --- |
| **ID** | **Test Case** | **Purpose** |
| 18.1 | View all menu items | Test if the program will display all menu items |

|  |  |
| --- | --- |
| **Test Case 18.1 – View all menu items** | |
| **Steps** | 1. Click the ‘View’ button 2. Click the ‘View All Menu Items’ button |
| **Expected Results** | The program will display a table with all menu items |
| **Actual Results** | The program will display a table with all menu items |

|  |  |
| --- | --- |
| Screenshots for User Story #18 | |
|  | Resulting table after pressing ‘View All Menu Items’ button |

#### User Story #19

As a Restaurant Manager, I want to delete menu items so that I can remove menu items that are no longer available

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 19.1 – Delete menu item** | |
| **Steps** | 1. Click the ‘Delete’ button 2. Click the ‘Menu Items’ button 3. Click menu item to be deleted 4. Click ‘Delete Menu Item’ button |
| **Expected Results** | The program will display a message that the menu item is deleted |
| **Actual Results** | The program will display a message that the menu item is deleted |

|  |  |
| --- | --- |
| Screenshots for User Story #19 | |
|  | Message when item is deleted successfully |

#### User Story #420

As a Restaurant Manager, I want to create coupons that customers can use for discounts

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 420.1 – Add new coupon** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Coupon’ button 3. Input coupon name and discount 4. Click the ‘Create Coupon’ button |
| **Expected Results** | The program will display a message that a new coupon is added |
| **Actual Results** | The program will display a message that a new coupon is added |

|  |  |
| --- | --- |
| **Test Case 420.2 – Add duplicate coupon** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Coupon’ button 3. Enter an existing coupon name and discount 4. Click the ‘Create Coupon’ button |
| **Expected Results** | The program will display a message that the coupon already exists |
| **Actual Results** | The program will display a message that the coupon already exists |

|  |  |
| --- | --- |
| **Test Case 420.3 – Add new coupon with empty fields** | |
| **Steps** | 1. Click the ‘Create’ button 2. Click the ‘Coupon’ button 3. Click the ‘Create Coupon’ button |
| **Expected Results** | The program will display a message that fields cannot be left empty |
| **Actual Results** | The program will display a message that fields cannot be left empty |

|  |  |
| --- | --- |
| Screenshots for User Story #420 | |
| Message when new coupon is created | Message when duplicate coupon is created |
| Message when fields are left empty |  |

#### User Story #421

As a Restaurant Manager, I want to be able to edit the coupons so that coupons are up to date with latest discounts

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |
| --- | --- |
| **Test Case 421.1 – Edit coupon** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Coupon’ button 3. Select a coupon 4. Change the fields 5. Click the ‘Edit Coupon’ button |
| **Expected Results** | The program will display a message that the coupon is edited |
| **Actual Results** | The program will display a message that the coupon is edited |
| **Test Case 421.2 – Edit coupon with empty fields** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Coupon’ button 3. Select a coupon 4. Delete the text in the fields 5. Click the ‘Edit Coupon’ button |
| **Expected Results** | The program will display a message that fields cannot be left empty |
| **Actual Results** | The program will display a message that fields cannot be left empty |
| **Test Case 421.3 – Edit coupon with discount value of > 1** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Coupon’ button 3. Select a coupon 4. Set Discount Value as 1.1 5. Click the ‘Edit Coupon’ button |
| **Expected Results** | The program will display a message that discount value cannot be more than 1 |
| **Actual Results** | The program will display a message that discount value cannot be more than 1 |
| **Test Case 421.3 – Edit coupon with discount value of 0** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the ‘Coupon’ button 3. Select a coupon 4. Set Discount Value as 0 5. Click the ‘Edit Coupon’ button |
| **Expected Results** | The program will display a message that discount value cannot be 0 |
| **Actual Results** | The program will allow coupon discount value to be set as 0 |
|  | Reported to programming team on 12/5/2022 as Medium severity bug   * Fixed on 12/5/2022 |
| **Retest Results** | The program will display a message that discount value cannot be 0 |

|  |  |
| --- | --- |
| Screenshots for User Story #421 | |
| Message after coupon is edited | Message when edit fields are empty |
| Message when discount value is more than 1 | Message when discount value is 0 |

#### User Story #422

As a Restaurant Manager, I want to be able to view coupons so that I can view existing coupon discounts

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |  |
| --- | --- | --- |
| **ID** | **Test Case** | **Purpose** |
| 422.1 | View all coupons | Test if the program will display all coupons |

|  |  |
| --- | --- |
| **Test Case 422.1 – Search by coupon name** | |
| **Steps** | 1. Click the ‘View’ button 2. Click the ‘View All Coupons’ button |
| **Expected Results** | The program will display a table with all coupons |
| **Actual Results** | The program will display a table with all coupons |

|  |  |
| --- | --- |
| Screenshots for User Story #422 | |
|  | Resulting table when ‘View All Coupons’ button is pressed |

#### User Story #423

As a Restaurant Manager, I want to be able to delete coupons that are no longer available

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |  |
| --- | --- | --- |
| **ID** | **Test Case** | **Purpose** |
| 423.1 | Delete coupon | Test if the program will delete coupons |

|  |  |
| --- | --- |
| **Test Case 423.1 – Search by coupon name** | |
| **Steps** | 1. Click the ‘Delete’ button 2. Click the ‘Coupons’ button 3. Click coupon to be deleted 4. Click ‘Delete Coupon’ button |
| **Expected Results** | The program will display a message that the coupon is deleted |
| **Actual Results** | The program will display a message that the coupon is deleted |

|  |  |
| --- | --- |
| Screenshots for User Story #423 | |
| Message when coupon is deleted |  |

#### User Story #424

As a Restaurant Manager, I want to be able to search coupons so that I look for specific coupons

|  |
| --- |
| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Manager 3. Restaurant Manager Homepage is displayed |

|  |  |  |
| --- | --- | --- |
| **ID** | **Test Case** | **Purpose** |
| 424.1 | Search by coupon name | Test if the program will return correct search results |
| 424.2 | Search by coupon name with empty field | Test if the program will tell the user that the field is empty |

|  |  |
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| **Test Case 424.1 – Search by coupon name** | |
| **Steps** | 1. Click the ‘Search’ button 2. Enter a coupon name in the search box 3. Click the ‘Search by Coupon Name’ button |
| **Expected Results** | The program will display a table with the search results |
| **Actual Results** | The program will display a table with the search results |

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| **Test Case 424.2 – Search by coupon name with empty field** | |
| **Steps** | 1. Click the ‘Search’ button 2. Click the ‘Search by Coupon Name’ button |
| **Expected Results** | The program will display a message telling the user fields cannot be left empty |
| **Actual Results** | The program will display a message telling the user fields cannot be left empty |

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| Screenshots for User Story #424 | |
| Resulting table after searching for ‘10OFF’ | Message when trying to search with empty field |

#### User Story #22

As a Restaurant Staff, I want to edit order status so that I can change the order status to fulfilled/delivered

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| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Staff 3. Restaurant Staff Homepage is displayed |

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| **ID** | **Test Case** | **Purpose** |
| 22.1 | Fulfill order | Test if the program will fulfill orders |
| 22.2 | Fulfill already fulfilled orders | Test if the program will tell the user that the order is already fulfilled |

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| **Test Case 22.1 – Fulfill order** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the order to fulfill 3. Click the ‘Fulfill Order’ button |
| **Expected Results** | The program will display a message that the order is fulfilled |
| **Actual Results** | The program will display a message that the order is fulfilled |

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| **Test Case 22.2 – Fulfill already fulfilled orders** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click an already fulfilled order 3. Click the ‘Fulfill Order’ button |
| **Expected Results** | The program will display a message that the order is already fulfilled |
| **Actual Results** | The program will display a message that the order is already fulfilled |

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| Screenshots for User Story #22 | |
| Message when fulfilment is successful | Message when order is already fulfilled |

#### User Story #23

As a Restaurant Staff, I want to edit orders so that I can assist customers who wish to edit their orders after it is sent to the kitchen

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| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Staff 3. Restaurant Staff Homepage is displayed |

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| **Test Case 23.1 – Edit order** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the order to edit 3. Change the quantity to desired amount 4. Click the ‘Edit Order’ button |
| **Expected Results** | The program will display a message that the order is edited |
| **Actual Results** | The program will display a message that the order is edited |

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| **Test Case 23.2 – Edit order with quantity of 0** | |
| **Steps** | 1. Click the ‘Edit’ button 2. Click the order to edit 3. Change the quantity to 0 4. Click the ‘Edit Order’ button |
| **Expected Results** | The program will display a message that the quantity cannot be 0 |
| **Actual Results** | The program will display a message that the quantity cannot be 0 |

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| Screenshots for User Story #23 | |
| Message when order is edited successfully | Message when order quantity is 0 |

#### User Story #24

As a Restaurant Staff, I want to search orders by table number, so that I am able to access the customer’s orders.

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| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Staff 3. Restaurant Staff Homepage is displayed |

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| **Test Case 24.1 – Search order by table number** | |
| **Steps** | 1. Click the ‘Search’ button 2. Enter a table number to search 3. Click the ‘Search Order by Table Number’ button |
| **Expected Results** | The program will display a table of orders for the table number |
| **Actual Results** | The program will display a table of orders for the table number |

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| **Test Case 24.2 – Search order with empty table number** | |
| **Steps** | 1. Click the ‘Search’ button 2. Click the ‘Search Order by Table Number’ button |
| **Expected Results** | The program will display a message that table number is invalid |
| **Actual Results** | The program will display a message that table number is invalid |

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| Screenshots for User Story #24 | |
| Resulting table after searching by table number 1 | Message when searching with empty table field |

#### User Story #25

As a Restaurant Staff, I want to view orders, so that I can view order details

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| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Staff 3. Restaurant Staff Homepage is displayed |

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| **ID** | **Test Case** | **Purpose** |
| 25.1 | View all orders | Test if the program will display all orders |

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| **Test Case 25.1 – Search by coupon name** | |
| **Steps** | 1. Click the ‘View’ button |
| **Expected Results** | The program will display a table of all orders |
| **Actual Results** | The program will display a table of all orders |

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| --- | --- |
| Screenshots for User Story #25 | |
|  | Resulting table of all orders |

#### User Story #26

As a Restaurant Staff, I want to delete orders, so that I can remove invalid/cancelled orders

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| **Pre-requisites** |
| 1. Program is running 2. User is logged in as Restaurant Staff 3. Restaurant Staff Homepage is displayed |

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| **ID** | **Test Case** | **Purpose** |
| 26.1 | Delete orders | Test if the program will delete orders |
| 26.2 | Delete order without selecting order | Test if the program will tell the user that no order is selected |

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| **Test Case 26.1 – Search order by table number** | |
| **Steps** | 1. Click the ‘Delete’ button 2. Select order to be deleted 3. Click the ‘Delete Order’ button |
| **Expected Results** | The program will display a message that the order is deleted |
| **Actual Results** | The program will display a message that the order is deleted |

|  |  |
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| **Test Case 26.2 – Search order with empty table number** | |
| **Steps** | 1. Click the ‘Delete’ button 2. Click the ‘Delete Order’ button |
| **Expected Results** | The program will display a message that no order is selected |
| **Actual Results** | The program will display a message that no order is selected |

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| Screenshots for User Story #26 | |
| Message when order is successfully deleted | Message when no order is selected |