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| **Test ID:** 01-Login | |
| **Designed by:** | **Module or Screen:**  User Login Screen |
| **Test Data Source:** | **Objectives:**  To test if registered users can log in to the system. |

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| Test Case # | Description | Test Steps | Expected Results | Actual  Results | Performed by / Date |
| 1-1 | Valid User login | In the Login Screen, the tester should:   1. Enter “Chester” as the Username 2. Enter “Gaw” as the Password 3. Click the Login button | The POS should be displayed. | POS screen is displayed |  |
| 1-2 | Invalid Username/ Password | In the Login Screen, the tester should:   1. Enter “asdf” as the Username 2. Enter “gg89” as the Password 3. Click the Login button | The tester should still be in the Login screen.  An appropriate error message is shown. | An error message is shown: “Wrong Username or Password” |  |
| 1-3 | Empty Username Field | In the Login Screen, the tester should:   1. Leave the Username blank 2. Enter any Password 3. Click the Login button | The tester should still be in the Login screen.  An appropriate error message is shown. | An error message is shown: “Wrong Username or Password” |  |
| 1-4 | Empty Password Field | In the Login Screen, the tester should:   1. Enter any Username 2. Leave the Password blank 3. Click the Login button | The tester should still be in the Login screen.  An appropriate error message is shown. | An error message is shown: “Wrong Username or Password” |  |

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| **Test ID:** 02-POS | |
| **Designed by:** | **Module or Screen:**  POS Screen |
| **Test Data Source:** | **Objectives:**  To test if registered users(staff) can add transactions. |

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| Test Case # | Description | Test Steps | Expected Results | Actual  Results | Performed by / Date |
| 2-1 | Complete and Valid User inputs | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name “John” 4. Enter the Price “90.75” 5. Enter the Staff Name “Jane” 6. Click the check input box 7. Click the Add button | The table is updated. | The table is updated |  |
| 2-2 | All Empty Fields | In the POS Screen, the tester should:   1. Leave all fields empty | The table will remain unchanged.  Can not click the Add button. | Unable to click Add button |  |
| 2-3 | Empty Customer Field | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Price 4. Enter the Staff Name   \*if what to input is not stated assumes the entry is correct | The table will remain unchanged.  Can not click the Add button. | Unable to click Add button |  |
| 2-4 | Empty Price Field | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name 4. Enter the Staff Name   \*if what to input is not stated assumes the entry is correct | The table will remain unchanged.  Can not click the Add button. | Unable to click Add button |  |
| 2-5 | Empty Staff Field | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name 4. Enter the Price   \*if what to input is not stated assumes the entry is correct | The table will remain unchanged.  Can not click the Add button. | Unable to click Add button |  |
| 2-6 | Valid Customer Field | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name:    1. “{?\_8Jik h4^$”    2. “John Smith” 4. Enter the Price 5. Enter Staff Name 6. Click the check input box 7. Click the Add button   \*if what to input is not stated assumes the entry is correct | The table is updated. | The table is updated |  |
| 2-7 | Valid Staff Field | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name 4. Enter the Price 5. Enter Staff Name:    1. “{?\_8Jik h4^$”    2. “Jane Sy” 6. Click the check input box 7. Click the Add button   \*if what to input is not stated assumes the entry is correct | The table is updated. | The table is updated | P |
| 2-8 | Invalid Prices | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name 4. Enter the Prices:    1. “thirty”    2. “7t5.3”    3. “5 000”    4. “5,000”    5. “-65” 5. Enter Staff Name 6. Click the check input box 7. Click the Add button   \*if what to input is not stated assumes the entry is correct | The table will remain unchanged.  An appropriate error message will be displayed. | Error messages were shown : “Please input numbers only on the price”  “Please fill in all the data”  “Please input numbers not less than 0” |  |
| 2-9 | Valid Prices | In the POS Screen, the tester should:   1. Choose an Item 2. Select the Quantity 3. Enter the Customer Name 4. Enter the Prices:    1. “90”    2. “75.35”    3. “987654321”    4. “0”    5. “000000089” 5. Enter Staff Name 6. Click the check input box 7. Click the Add button   \*if what to input is not stated assumes the entry is correct | The table is updated | The table is updated |  |

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| **Test ID:** 03-POS View | |
| **Designed by:** | **Module or Screen:**  POS Screen |
| **Test Data Source:** | **Objectives:**  To test if registered users (staff) can view the information about the current day’s sales. |

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| Test Case # | Description | Test Steps | Expected Results | Actual  Results | Performed by / Date |
| 3-1 | Working Table View | In the POS Screen, the tester should:   1. Make a transaction.   \*if there is no transaction yet for the day. | The Transaction Screen should be displayed. | Transaction Screen is displayed |  |
| 3-2 | Table is synchronized with the Database | In the POS Screen, the tester should:   1. Make a transaction.   \*if there's no transaction yet for the day.   1. Check the “receipts” table in MySQL database. | All transaction occurred should be in the database. | All transactions are recorded in the database. |  |
| 3-3 | Total sales of the day | In the POS Screen, the tester should:   1. Make a transaction. Input price field with these amount:    1. “20”    2. “0” 2. Click the Add button | The Total amount on the top right corner of the window should change according to the price of the item added. | Total amount incremented based on the amount entered |  |

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| **Test ID:** 04-Transaction View | |
| **Designed by:** | **Module or Screen:**  Edit Transaction Window |
| **Test Data Source:** | **Objectives:**  To test if registered users (staff) can view/edit the information of previous transactions |

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| Test Case # | Description | Test Steps | Expected Results | Actual  Results | Performed by / Date |
| 4-1 | Edit Transaction View | The tester should:   1. Select any transaction 2. Click the Edit button | Edit Transaction Window should be displayed properly | Edit Transaction Windows is displayed on another window |  |
| 4-2 | Edit Quantity | The tester should:   1. Select any transaction. 2. Click Edit button. 3. Change Quantity field to any desired amount 4. Click the check input box 5. Click the Edit button | The table should change and update the transaction chosen. The quantity should change based on the amount chosen. | The table is updated with the parameters entered in Edit Transaction Window |  |
| 4-3 | Edit Price with Valid Inputs | The tester should:   1. Select any transaction 2. Click the Edit button. 3. Change Price field to these amounts:    1. “90”    2. “75.35”    3. “987654321”    4. “0”    5. “000000089” 4. Click the check input box 5. Click the Edit button. | The table should change and update the transaction chosen. The price should change based on the amount chosen. | The table is updated with the parameters entered in Edit Transaction Window |  |
| 4-4 | Edit Product | The tester should:   1. Select any transaction 2. Click edit button. 3. Choose a new product 4. Click the check input box 5. Click the Edit button. | The table should change and update the transaction chosen. The product should change based on the product chosen. | The table is updated with the parameters entered in Edit Transaction Window |  |
| 4-5 | Edit Staff with Valid inputs | The tester should:   1. Select any transaction 2. Click the Edit button. 3. Enter these on the Staff field:    1. “{?\_8Jik h4^$”    2. “Jane Sy” 4. Click the check input box 5. Click the Edit button | The table should change and update the transaction chosen. The Staff Name should change based on the inputted name. | The table is updated with the parameters entered in Edit Transaction Window |  |
| 4-6 | Empty Staff Field | The tester should:   1. Select any transaction 2. Click the Edit button. 3. Fill up all fields except Staff. | Can not click the Edit button. | Unable to click the Edit button |  |
| 4-7 | Empty Price Field | The tester should:   1. Select any transaction 2. Click the Edit button. 3. Fill up all fields except Price | Can not click the Edit button. | Unable to click the Edit button |  |
| 4-8 | Empty Product Field | The tester should:   1. Select any transaction 2. Click the Edit button. 3. Fill up all fields except Product. 4. Click the check input box 5. Click the Edit button | An appropriate error message should appear. | An error message is displayed:  “Please fill in all the data” |  |
| 4-9 | Empty Quantity Field | The tester should:   1. Select any transaction 2. Click the Edit button. 3. Fill up all fields except Quantity. 4. Click the check input box 5. Click the Edit button. | An appropriate error message should appear | An error message is displayed:  “Please fill in all the data” |  |
| 4-10 | Invalid Price Field | The tester should:   1. Select any transaction 2. Click the Edit button 3. Enter these values    1. “thirty”    2. “7t5.3”    3. “5 000”    4. “5,000”    5. “-65” 4. Click the check input box 5. Click the Edit button | An appropriate error message should appear | An error message is displayed:  “Please input numbers only on the price”  “Please input numbers not less than 0” |  |

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| **Test ID:** 10-Logout | |
| **Designed by:** | **Module or Screen:**  User Logout Screen |
| **Test Data Source:** | **Objectives:**  To test if registered users can logout from the system. |

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| Test Case # | Description | Test Steps | Expected Results | Actual  Results | Performed by / Date |
| 10-1 | Valid User logout | In the POS Screen, the tester should:   1. Click the Logout button | The Login Screen should be displayed. | The user is logged out |  |