# TEST CASES

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** |
| TU01 | Check Login with a valid password. | 1. Enter password  2. Click Enter. | password = ‘admin’ |
| TU02 | Check Login with an invalid password | 1. Enter password  2. Click Enter. | password = ‘user’ |
| TU03 | Check whether the add\_medicine option in main menu is working | 1. Enter choice  2. Click Enter | choice = 1 |
| TU03\_01 | Check whether category options in add\_medicine is working | 1. Enter choice  2. Click Enter | choice = 1 |
| TU03\_02 | Check whether category options in add\_medicine is working with a different choice | 1. Enter choice  2. Click Enter | choice = 3 |
| TU03\_03 | Check whether category options in add\_medicine is working with an invalid choice | 1. Enter choice  2. Click Enter | choice = 9 |

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** |
| TU03\_01\_01 | Check if medicine details can be successfully added. | 1. Enter the details  2. Click ‘Y’ to add  more or ‘N’ to exit. | medicine\_id = 401  medicine\_name =  “clindamycin”  supplier\_name =  “supplier one”  contact = 3249542  quantity = 5  price = 100  rack\_no = 4  cabin\_no = 3  Add more medicine:Y  medicine\_id = 402  medicine\_name =  “azithromycin”  supplier\_name =  “supplier two”  contact=3255412  quantity = 6  price = 100  rack\_no = 4  cabin\_no = 7  Add more medicine:N |
| TU04 | Check whether the search medicine option in the main menu is working. | 1. Enter choice. | choice = 3 |
| TU04\_01 | Check if the medicine record can be deleted successfully with medicine ID. | 1. Enter medicine ID | medicine\_id =401 |
| TU04\_02 | Check if record can be deleted with invalid medicine ID | 1. Enter medicine ID | Medicine\_id = 999 |
| TU04\_03 | Check if the medicine record can be found by search by name option | 1. Enter choice  2. Enter medicine  name | choice = 2  medicine\_name =  ”clindamycin” |
| TU04\_04 | Check if a medicine record can be found by an invalid medicine name. | 1. Enter choice  2. Enter medicine  name | choice = 2  medicine\_name =  “abcd” |
| TU05 | Check if the list medicine option in main menu is working | 1. Enter choice | choice = 5 |

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** |
| TU06 | Check if the edit medicine option in main menu is working | 1. Enter choice  3. Enter medicine  ID to be edited  5. Enter new details  6. Enter ‘Y’ to modify another record or ‘N’ to exit | choice = 6  medicine\_id = 401  new name =  “clindamycin”  new supplier =  “supplier one”  new contact =  2426242  new quantity = 10  new price = 120  new rack\_no = 3  new cabin\_no = 4  Modify another = N |
| TU07\_01 | Check if sell option in sell medicine is working | 1. Enter choice  3. Enter medicine ID  to be sold  5. Enter name of  Customer  7. Enter contact no of  customer | choice = 1  medicine\_id = 401  customer\_name =  “customer one”  contact\_no =  9012345678 |
| TU07\_02 | Check if list medicine option inside sell medicine is working | 1. Enter choice | choice = 2 |
| TU07\_03\_01 | Check if search medicine option inside sell medicine is working with valid ID | 1. Enter choice.  3. Enter medicine ID to be found | choice = 3  medicine\_id = 401 |
| TU07\_03\_02 | Check if search medicine option inside sell medicine is working with an invalid ID | 1. Enter choice  3. Enter medicine ID to be found | choice = 3  medicine\_id = 999 |
| TU07\_04 | Check if delete sold medicine option inside sell medicine is working | 1. Enter choice.  3. Enter medicine ID to be deleted | choice = 4  medicne\_id = 401 |
| TU08 | Check if supplier info option in main menu is working | 1.Enter choice | choice = 7 |

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| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** |
| TU08\_01 | Check if List of suppliers option inside supplier info is working | 1.Enter choicer | choice = 1 |
| TU08\_02 | Check if search supplier option inside supplier info is working | 1.Enter choice  3.Enter name | choice = 2  name = supplier one |
| TU09 | Check if an invalid entry will work on  main menu | 1. Enter choice | choice = 99 |
| TU10 | Check if the dispose medicine option in the main menu is working with a valid ID. | 1. Enter choice  3. Enter medicine ID | choice = 2  medicine\_id = 402 |
| TU10 | Check if the dispose medicine option in the main menu is working with a valid ID. | 1. Enter choice  3. Enter medicine ID | choice = 2  medicine\_id = 402 |
| TU11 | Check if the dispose medicine option in the main menu is working with an invalid ID. | 1. Enter choice  3. Enter medicine ID | choice = 2  medicine\_id = 999 |
| TU12 | Check if close application option in  main menu is working | 1. Enter choice | choice = 9 |
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# EXPECTED AND ACTUAL OUTPUT

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| **Test Case ID** | **Expected Output** | **Actual Output** |
| TU01 | Login should be successful and output window should show main menu | Login successful. Main Menu appeared. |
| TU02 | Login should be unsuccessful and password should be asked again | Login unsuccessful. Password was asked again. |
| TU03 | Entry should be accepted and a screen showing different categories of medicine should appear. | Entry accepted. Screen Showing different categories of medicine appeared. |
| TU03\_01 | Entry should be accepted and a list of queries should appear asking the user to input details of medicine. | Entry accepted and a list of queries appeared asking the user to input details of medicine. |
| TU03\_02 | Entry should be accepted and a list of queries should appear asking the user to input details of medicine. | Entry accepted and a list of queries appeared asking the user to input details of medicine. |
| TU03\_03 | Entry should not be accepted and should ask for reentry. | Entry not accepted and asked for reentry. |
| TU03\_01\_01 | Details should be successfully saved and a message saying record successfully saved should appear | Details successfully saved and a message saying record successfully appeared |
| TU04 | Entry should be accepted and a query should appear asking the user to choose either search by ID or search by name. | Entry accepted and a query appeared asking the user to choose either search by ID or search by name. |
| TU04\_01 | Medicine records should be collected successfully. | Medicine records collected successfully. |
| TU04\_02 | Medicine records could not be found, a message saying “record does not exist” should appear. | Medicine not found, a message saying “record does not exist” appeared |
| TU04\_03 | Medicine records should be collected successfully. | Medicine records should be collected successfully |
| TU04\_04 | Medicine records could not be found, a message saying “record does not exist” should appear. | Medicine records not found, a message saying “record does not exist” appeared. |
| TU05 | Entry should be accepted and a screen showing details of all available medicines should appear. | Entry accepted and details of all available medicines appeared. |
| TU06 | Entries will be accepted and the information inputted will be saved. A message saying “records modified successfully” should appear. | Entries accepted and the information inputted was saved. A message saying “records modified successfully” appeared. |
| TU07 | Entry should be accepted and a query will appear asking the user to choose from the options sell medicine, list medicine, search medicine and delete medicine. | Entry should accepted and a query will appear asking the user to choose from the options sell medicine, list medicine, search medicine and delete medicine |
| TU07\_01 | Entry should be accepted, customer details should be saved and a message saying medicine sold successfully should appear. | Entry accepted, customer details were saved and a message saying medicine sold appeared. |
| TU07\_02 | Entry should be accepted and an output screen displaying details of all sold medicines should appear. | Entry accepted and an output screen displaying details of all sold medicines appeared. |
| TU07\_03\_01 | Entries should be accepted and records of the requested medicine will be collected. | Entries accepted and records of the requested medicine were collected |
| TU07\_03\_02 | The requested records of the medicine cannot be collected. A message saying “no such records exist” will appear. | The requested records of the medicine could not be collected. A message saying “no such records exist” will appear. |
| TU07\_04 | Entry should be accepted and the records of the specified ID will be deleted. | Entry accepted and the records of the specified were deleted. |
| TU08 | Entry should be accepted and a query should appear asking the user to choose from ‘’list of supplier’’ and’’ search supplier’’. | Entry accepted and a appeared asking the user to choose from ‘’list of supplier’’ and ’’ search supplier’’ |
| TU08\_01 | Entry should be accepted and the details of all suppliers should appear. | Entry accepted and the details of all suppliers appeared. |
| TU08\_02 | Entry should be accepted and a screen should appear showing the details of that customer. | Entry accepted and a screen appeared showing the details of that customer. |
| TU09 | Entry should not be accepted and should ask again for input. | Entry not accepted and asked again for input. |
| TU10 | Entry should be accepted and the records of specified medicine should be deleted. | Entry accepted and the records of specified medicine were deleted. |
| TU11 | Medicine records should be removed | Medicine records were deleted |
| TU12 | Exit screen should appear | Application closed and exit screen appeared |