

1.Test Plan

1.1 Scope of testing

1.1.1 In scope

Module Name	Description
Login	Authorized access is allowed here
Purchase medicine	It helps to know whether the required medicine
Add a medicine	The system allows adding the details of new medicine in the record.
Delete a medicine	The system allows deleting the details of existing medicine from the record.
Quantity of medicine	It displays the number of amount of medicine available in the store
Medicine information	It displays information about medicine in the store
Enter information of medicine	More information about the medicine can be entered by the user.

1.1.2 Out of scope

1. User interfaces
2. Hardware interfaces

1.2 Quality objectives

- Ensure the Application under Test conforms to functional and non-functional requirements.
- Bugs/issues are identified and fixed before they go live.

1.3 Test Methodology

The waterfall model is adopted as the test methodology here as it proceeds to the next phase only when the previous phase is completed.

1.4 Test Criteria

1.4.1 Suspension Criteria

If more than 45% of test cases are failed then the testing is suspended until all fail cases are fixed

1.4.2 Exit Criteria

- 100% Test coverage.
- All manual test cases are executed.
- All open bugs are fixed or will be fixed in the next release.

1.5 Test Environment

The test cases are executed in Code Blocks.

2. Test Cases

Test cases	Test scenario	Test Steps	Test Data
1	To check if the user can log in using a valid username and password	Enter username and password	Username - medical_store Password- password
2	To know if there is required quantity of medicine in the store and the cost of medicine	Choose option 1	Enter 1 and enter the quantity of medicine require.
3	To check whether able to add more info about a particular medicine	Choose option 2	Enter 2 and enter the name of the medicine into which we need to add more info.

4	To know the info about the stock of medicine in the store	Choose option 3	Enter 3
5	To know the info about a particular medicine	Choose option 4	Enter 4 and enter the name of the medicine of which we need to know the information.
6	To add a new medicine's details into the record	Choose option 5	Enter 5 and enter the details of new medicine into the list.
7	To delete a medicine from the record	Choose option 6	Enter 6 and enter the name of the medicine which we need to delete.
8	To change the quantity of medicine	Choose option 7	Enter 7 and enter the name of the medicine of which we need to change the quantity.
9	To exit		Enter any other numbers of keys

3. Expected Results

Test cases	Test scenario	Expected Results
1	To check if the user can log in using a valid username and password	Successful login
2	To check if there is required quantity of medicine available and to know the	It asks to enter the name of medicine which is needed to be purchased and enter the quantity. It displays whether the quantity we

	price of medicine.	mentioned is available or not and also displays the cost of medicine of the quantity we require.
3	To check whether able to add more info about a particular medicine	It asks to enter the name of medicine so that it displays its details and we can add more details of that medicine.
4	To know the info about the stock of medicine in the store	Displays the details of all the medicine in the store. The details include name, price, availability, company name, manufacturing date, expiry date, etc.
5	To know the info about a particular medicine	It asks to enter the name of the medicine we want so that it displays its details.
6	To add a new medicine's details into the record	It allows us to add the details of a new medicine into the record.
7	To delete a medicine from the record	The deletion of medicine's details can be performed.
8	To change the quantity of medicine	The quantity of medicine can be changed.
9	To continue with other options	Helps to continue with other options
10	To exit	It exits from the program