

### **Link to Figma:**

<https://www.figma.com/design/mabcbFMCLyn8f2CYnXDgpj/CISC-327-Design?node-id=0-1&t=26NjRBI5ELQLRivE-1>

### **Requirement 1: User shall be able to view a summary of the inventory and sales on a dashboard**

#### **Test Case Name: View Dashboard**

**Objective:** To verify that the user can see the dashboard

**Action:** Navigate to the dashboard page. Ensure the UI includes functionality for accessing features such as Add Medicine, View Sales, etc.

**Assert:** Verify that the dashboard displays a summary of current inventory and sales data accurately, and that all critical functionalities are available via the user interface.

### **Requirement 2: Users shall be able to add a new medicine to the inventory**

#### **Test Case Name: Add New Medicine**

**Objective:** To verify that a user can successfully add a new medicine to the inventory.

**Action:** Navigate to the add medicine page, fill in all required fields (e.g., medicine name, medicine ID, group, quantity, optionally 'how to use' and 'side effects'), and click on the "Add Medicine" button.

**Assert:** Check that the medicine is added to the inventory and is displayed in the list with the correct details.

### **Requirement 3: Users shall be able to search for a medicine by name**

#### **Test Case Name: Search for Medicine**

**Objective:** To verify that users can search for a specific medicine using the search functionality.

**Action:** Enter a valid medicine name in the search bar and click on the "Search" button.

**Assert:** Check that the search results display the correct medicine information, including name, batch number, and availability status.

### **Requirement 4: Users shall be able to update medicine details**

#### **Test Case Name: Update Medicine Information**

**Objective:** To verify that users can successfully update existing medicine details.

**Action:** Navigate to the inventory page, select a medicine, click on the "Edit" button, modify fields (e.g., quantity, expiry date), and click "Save".

**Assert:** Check that the medicine details are updated correctly in the inventory.

### **Requirement 5: Users shall be able to delete a medicine from the inventory**

**Test Case Name: Delete Medicine**

**Objective:** To verify that a user can delete a medicine from the inventory.

**Action:** Navigate to the inventory page, select a medicine, and click on the "Delete" button.

**Assert:** Confirm that the medicine is removed from the inventory and is no longer displayed in the list.

**Assert:** Confirm that the system displays a list of medicines nearing expiry with accurate details.

**Requirement 6: Users shall be able to view sales reports****Test Case Name: View Sales Report**

**Objective:** To verify that users can view sales reports for a specified date range.

**Action:** Navigate to the reports section, select a date range, and click on the "Generate Report" button.

**Assert:** Check that a detailed sales report is displayed with correct sales data for the selected period.

**Requirement 7: Users shall be able to view inventory****Test Case Name: View Inventory**

**Objective:** To verify that users can view the inventory of the pharmacy

**Action:** Navigate to the dashboard and click on the View Inventory button

**Assert:** Check that the inventory of the pharmacy is displayed with up to date data displayed