

Design Document Version 1.0

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September,2017

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1 Introduction

1.1 Purpose

All the requirements specified in the System Requirements Specifications document are explained from the development point of view explaining in detail how they will actually be implemented and what the final output will look like. This document is to be agreed upon by the customer. This document gives a biblical reference to the developers to develop the codes in accordance with the SRS specifications. scope of the project.

1.2 Target Audience

The Customers, the Development team and every member associated with the development of the Project is the intended audience for this document. This is the document to be referred during development as well as testing.

2 Coverage

The following sections show the High Level and Low Level designs of our Online Pharmacy. Low Level Designs include the Use Case Diagrams and the User Interface Design Prototypes. High Level Design includes the Database Entity Relationship Diagram, Database Relational Schema, Activity Diagrams and Sequence Diagrams.

3 Low Level Design

3.1 Use Cases

3.1.1 User use-case diagram

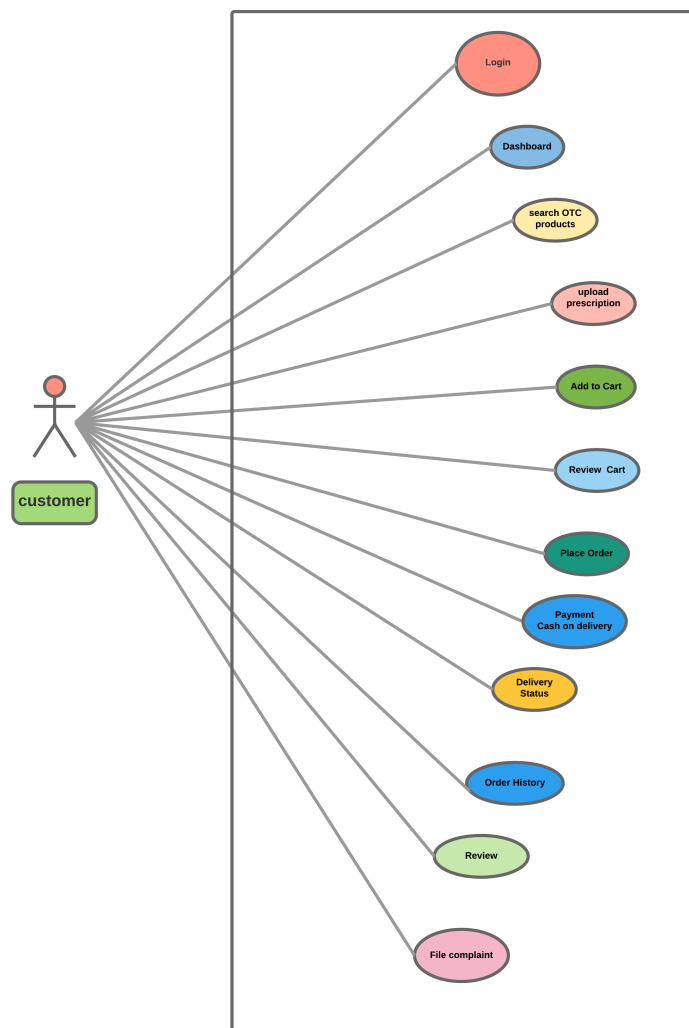


Fig: User Use-cases diagram

3.1.2 Pharmacy use-case diagram

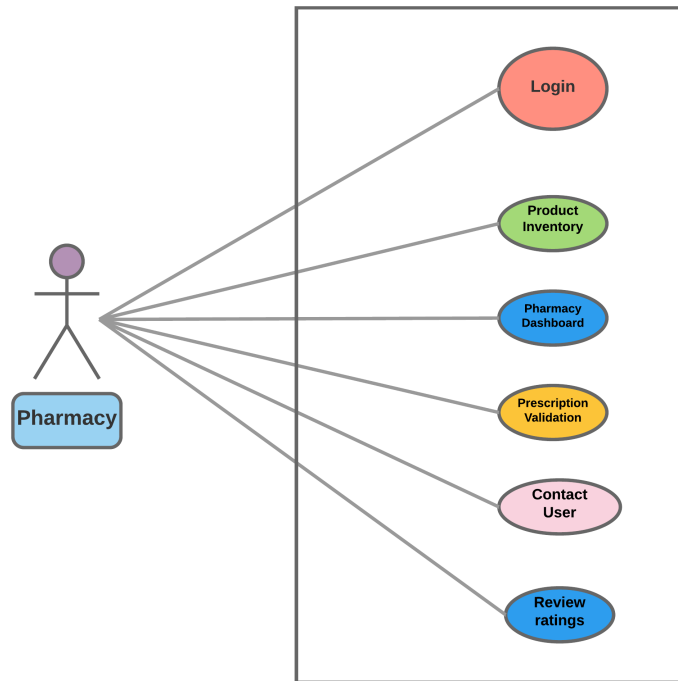


Fig: Pharmacy Use-cases diagram

3.1.3 Administrator use-case diagram



and admin.png

Fig: Admin Use-cases diagram

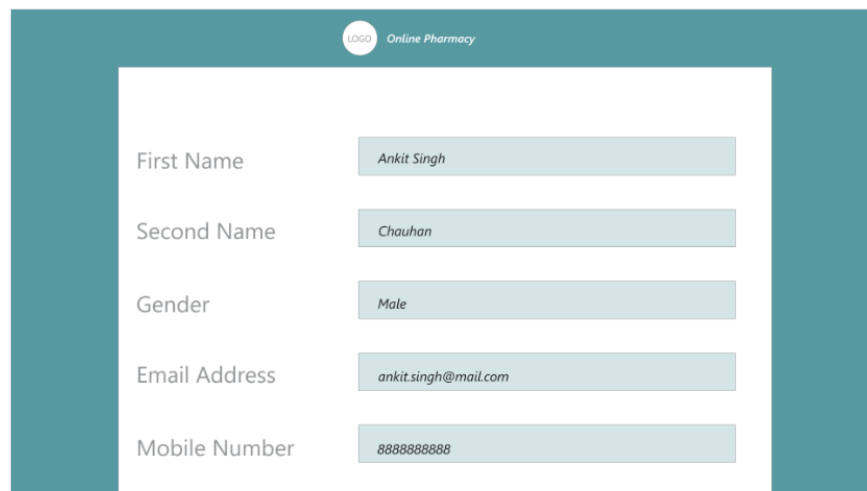
3.2 User Interface Prototype

3.2.1 Visitor's Page



Basically, this platform is for both sellers and visitors where each gets a respective registration and login page. The skip option is for the general visitor who just wants to look at the site without registering.

3.2.2 User Registration page

A user registration form with a teal header. The header contains a white circle with "LOGO" and the text "Online Pharmacy". The form itself is a white rectangle with a teal border. It contains five input fields, each with a label on the left and a text input on the right. The inputs are: "First Name" with "Ankit Singh", "Second Name" with "Chauhan", "Gender" with "Male", "Email Address" with "ankit.singh@mail.com", and "Mobile Number" with "8888888888".

(2).png

This type of form will open up if the user wants to register as a pharmacy or as a buyer (customer).

3.2.3 Pharmacy Login Page

A screenshot of a pharmacy login page. The page has a light blue background. In the center, there is a white rounded rectangle containing the text "PHARMACY" at the top. Below it, there are two input fields: "Username" with the value "ankit88" and "Password" with the value "*****". At the bottom of the white rectangle is the text "LOGIN".

PHARMACY

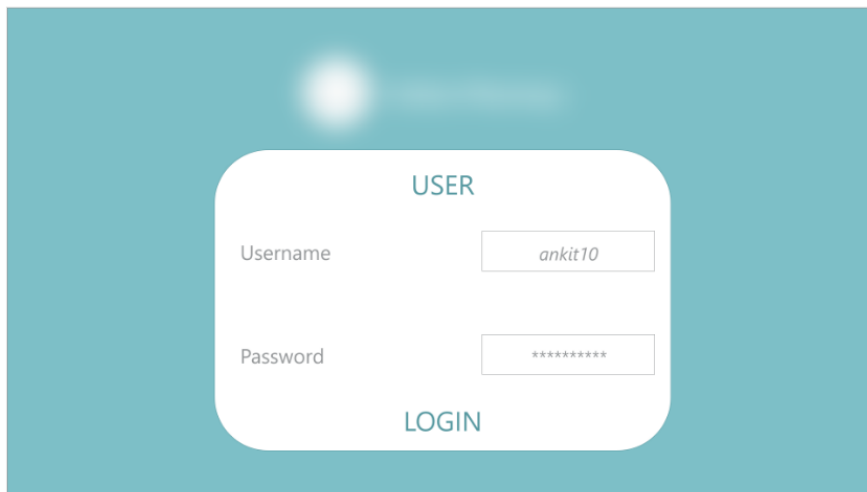
Username

Password

LOGIN

This is the login page for the pharmacy.

3.2.4 User Login Page

A screenshot of a user login page. The page has a teal background. In the center, there is a white rounded rectangle containing the text "USER" at the top. Below it, there are two input fields: "Username" with the value "ankit10" and "Password" with the value "*****". At the bottom of the white rectangle is the text "LOGIN".

USER

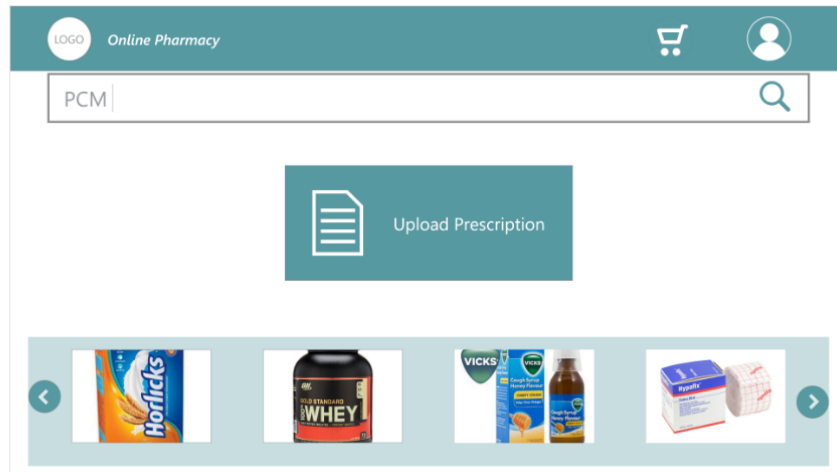
Username

Password

LOGIN

This is the login page for the User.

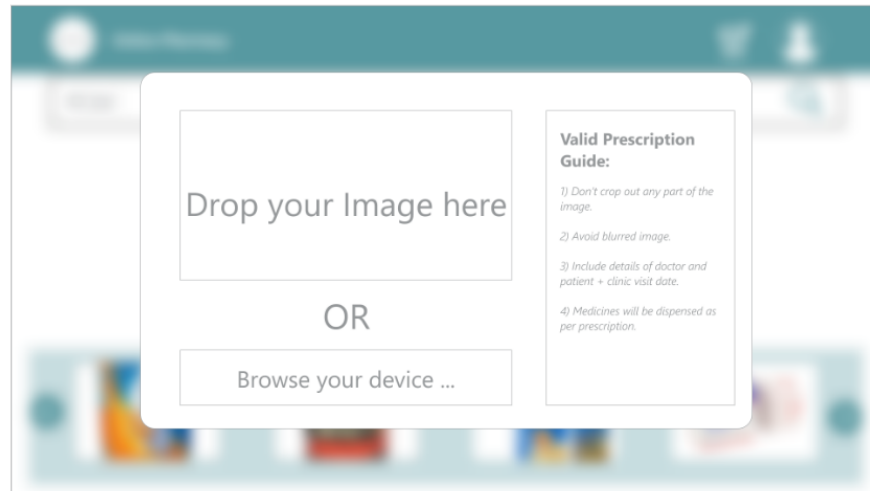
3.2.5 Customer's Dashboard



This is the customer's dashboard where

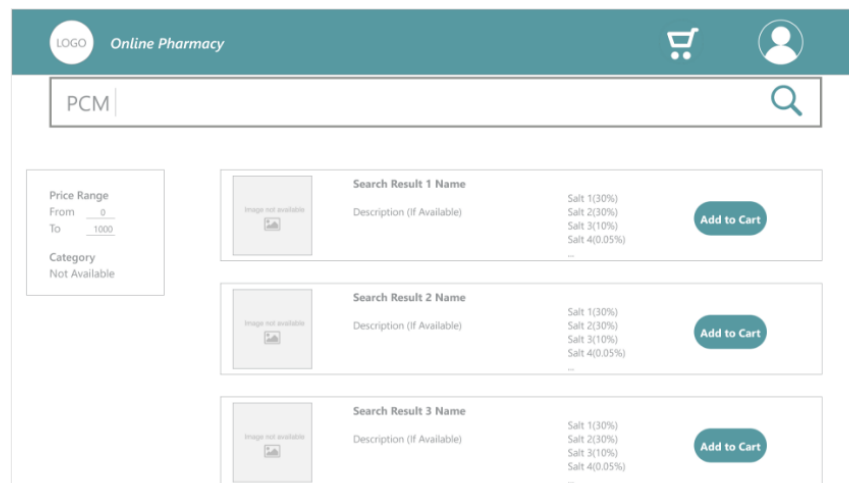
- On the right side there are two options profile and cart.
- There is a search bar given to search for the OTC products.
- If a customer wants to buy NON-OTC product , he/she has been given an option to upload the prescription.

3.2.6 Upload Prescription



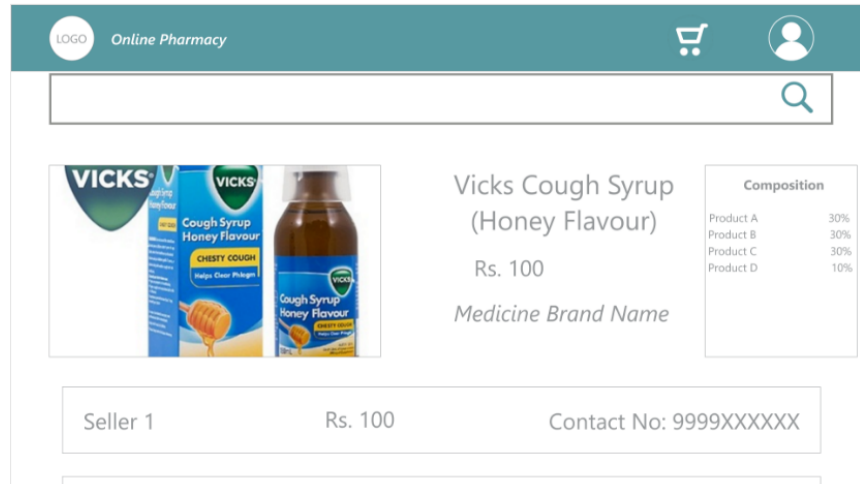
This page would appear when the user selects the upload prescription on the previous page.

3.2.7 Search result for OTC



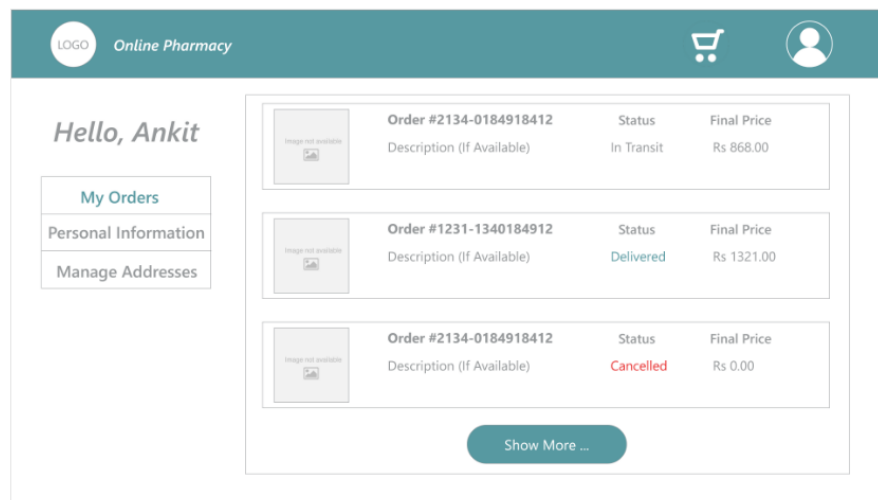
This page would come when a user searches for a product (OTC). The page shows all the related results that came on searching a particular product.

3.2.8 Nearest Pharmacies



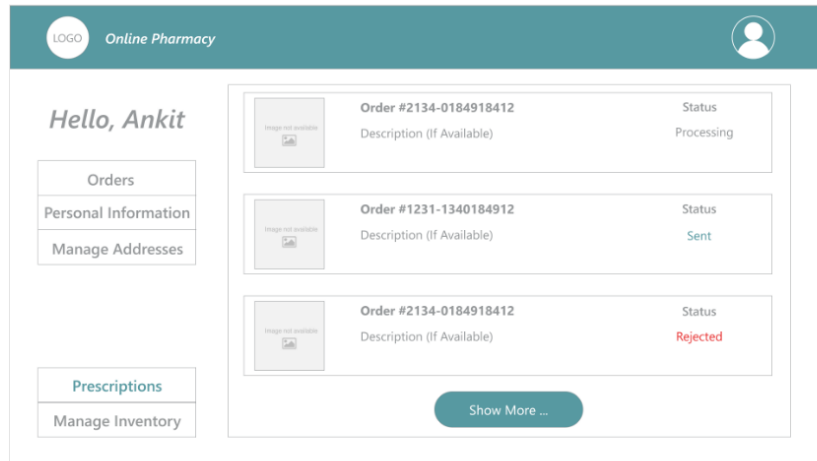
When we select a particular product from the above list, this page will pop up and this contains the 5-6 pharmacies according to our algorithm selling this product.

3.2.9 Order History



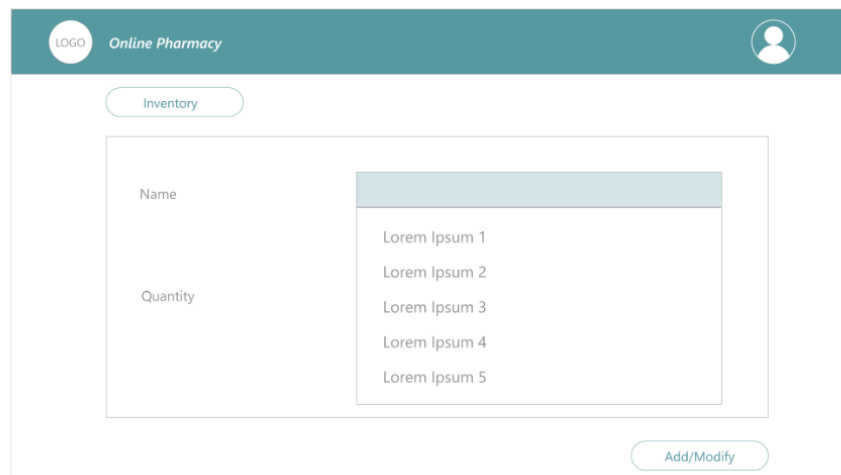
This page shows a look how will the page look like when my profile icon on the top right is clicked. This page is showing the order history.

3.2.10 Pharmacy End - Dashboard



This page displays the dashboard for the pharmacy.

3.2.11 Pharmacy End-Adding the present stock of medicines



Pharmacist can add the stock of his medicines to the inventory(database) through this page.

3.2.12 Pharmacy End-Inventory

The screenshot shows the 'Inventory' page of an 'Online Pharmacy' system. The header includes a 'LOGO' and 'Online Pharmacy' text, along with a user profile icon. Below the header, there are two buttons: 'Dashboard' and 'Request a New Product'. The main content area is titled 'Inventory' and contains a table with three columns: 'Name', 'Quantity', and 'Options'. The table lists 'Product B' and 'Product C', both with a quantity of 100. Below the table, there is an 'Add new Item' button. The 'Options' column for each product contains a 'Modify/Remove' link.

Name	Quantity	Options
Product B	100	Modify/Remove
Product C	100	Modify/Remove

This page is for the pharmacist where he/she can monitor his /her inventory.

3.2.13 Pharmacy End-Adding a new product

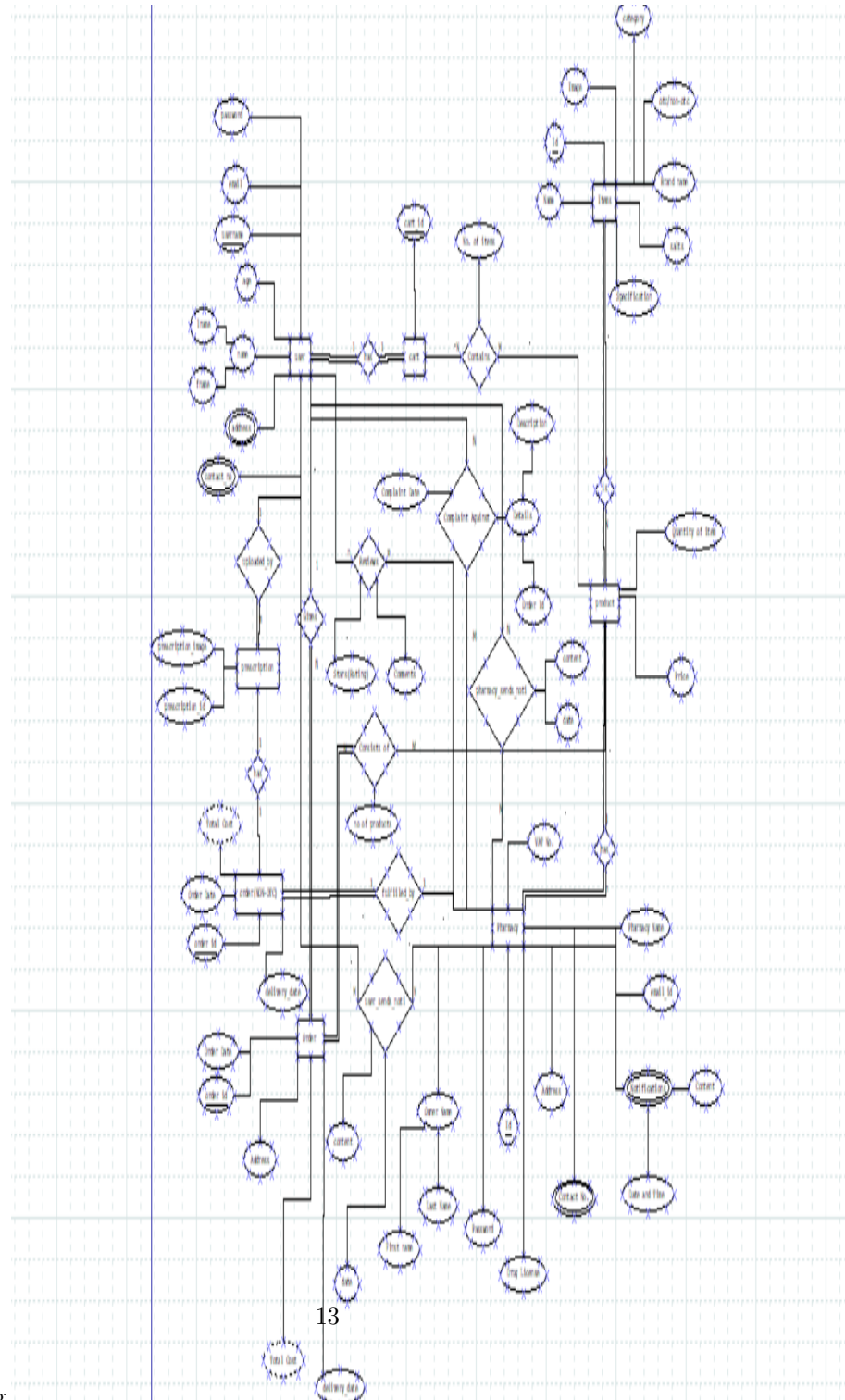
The screenshot shows the 'Add new product' form in the 'Online Pharmacy' system. The header is identical to the previous page. Below the header, there are two buttons: 'Dashboard' and 'Request Product'. The main content area contains a form with three input fields: 'Name', 'Description', and 'Composition'. Below these fields is an 'Upload Image' button. The 'Request Product' button is located at the bottom right of the form area.

Name	<input type="text"/>
Description	<input type="text"/>
Composition	<input type="text"/>

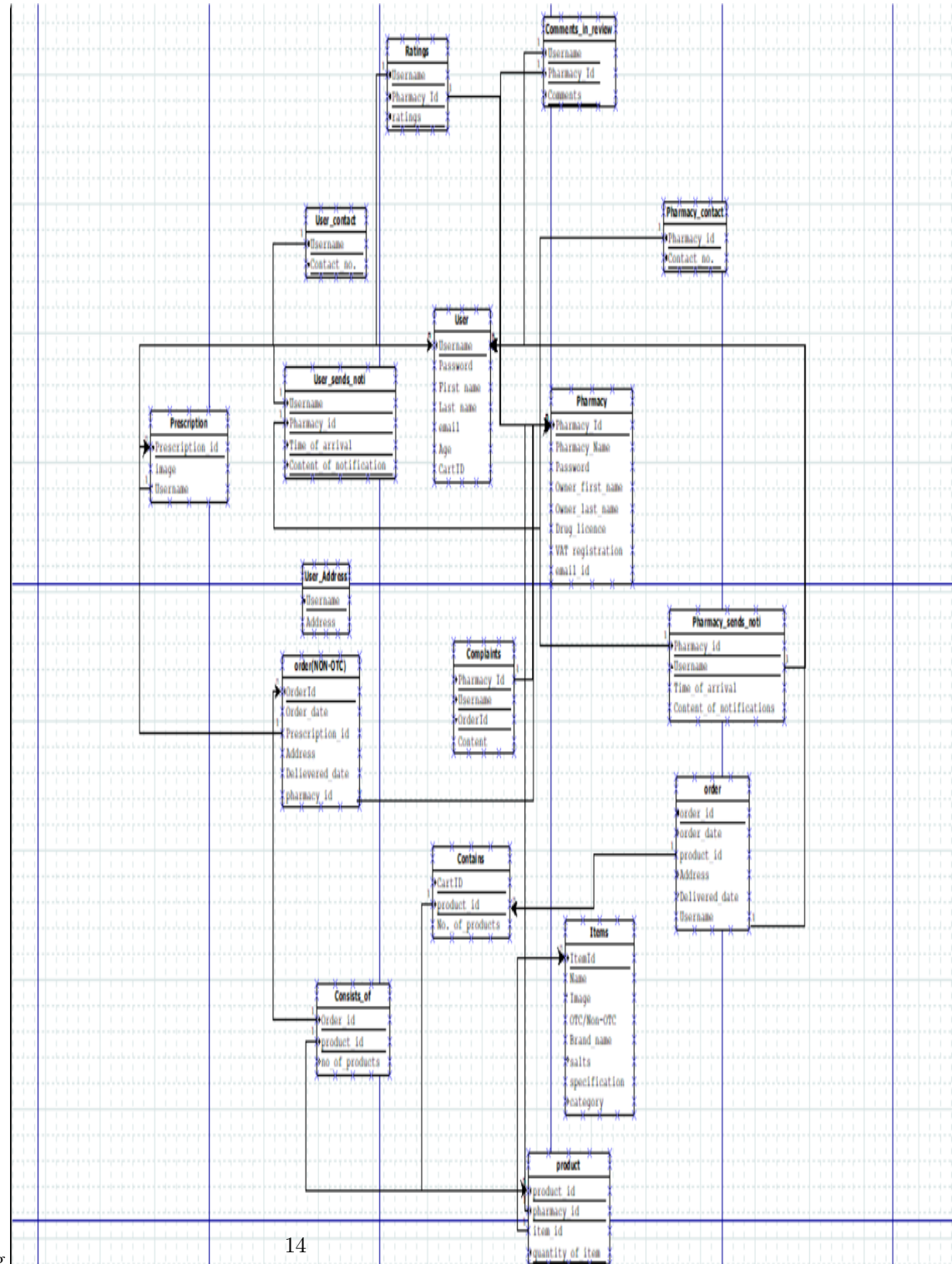
This is the form which will open up once a pharmacist wants to add a new product to his/her inventory.

4 High Level Design

4.1 Database Entity Relation Diagram

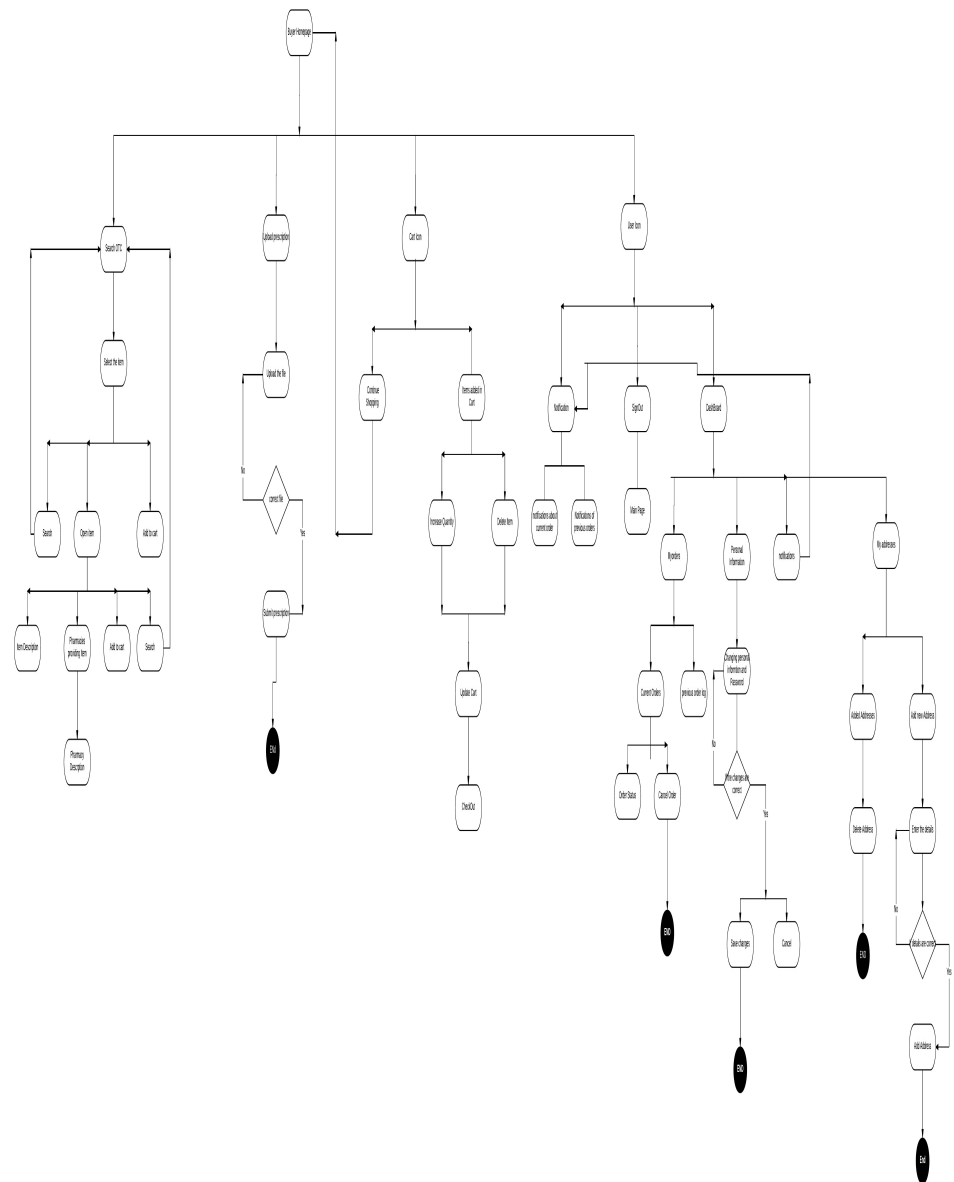


4.2 Database Relational Schema

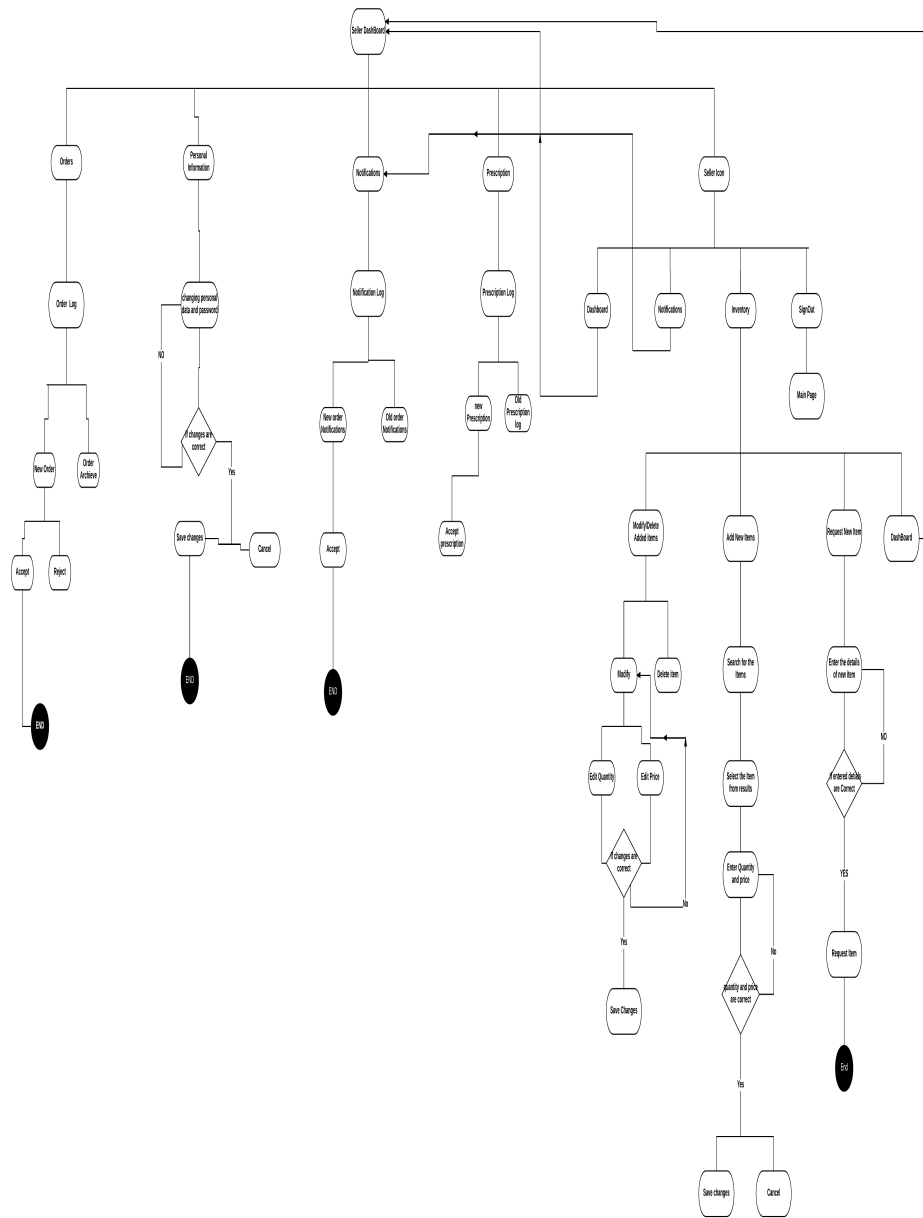


4.3 Activity Diagrams

4.3.1 Buyer's Activity Case Diagram



4.3.2 Seller's Activity Case Diagram



4.3.3 Home page activity case diagram

