Design Document Version 1.0

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Contents

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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
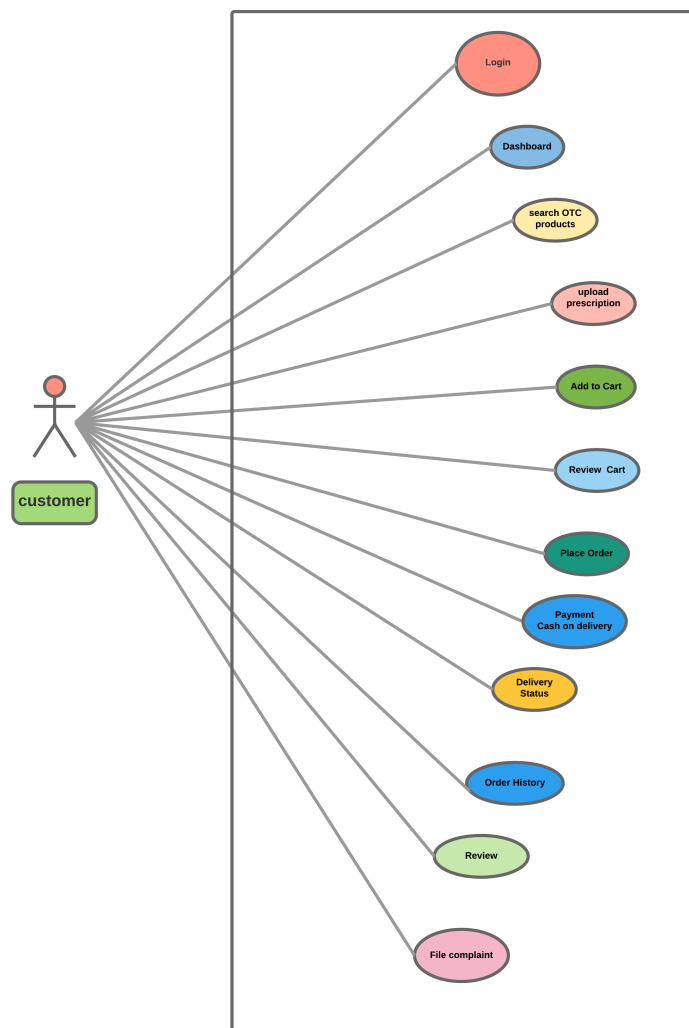
3.1.1   User use-case diagram

Fig: User Use-cases diagram
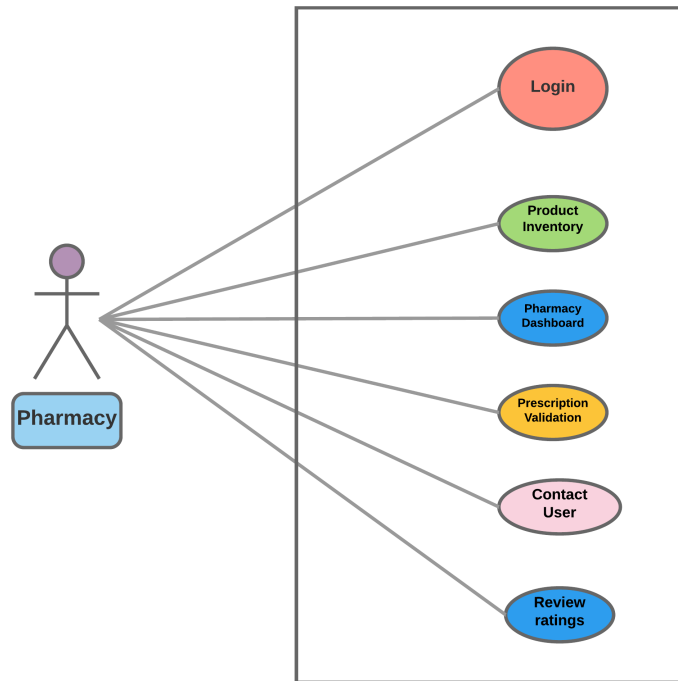
3.1.2 Pharmacy use-case diagram

Fig: Pharmacy Use-cases diagram

3.1.3 Administrator use-case diagram

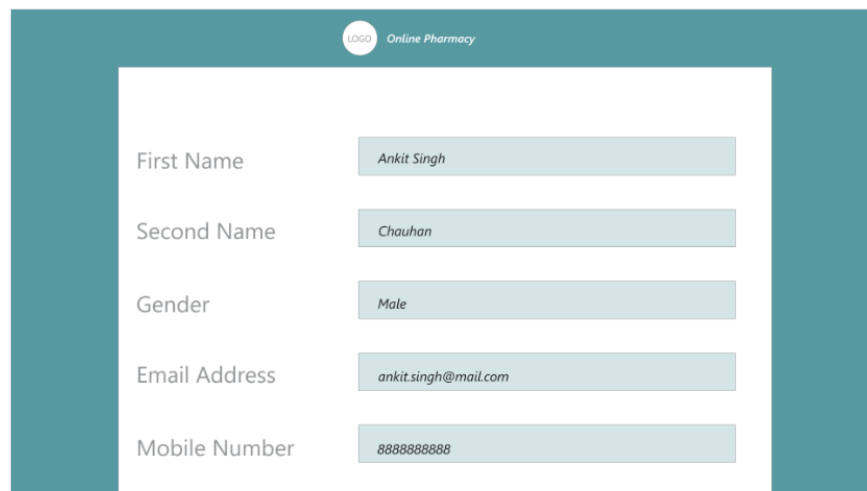and admin.png
Fig: Admin Use-cases diagram

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

(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
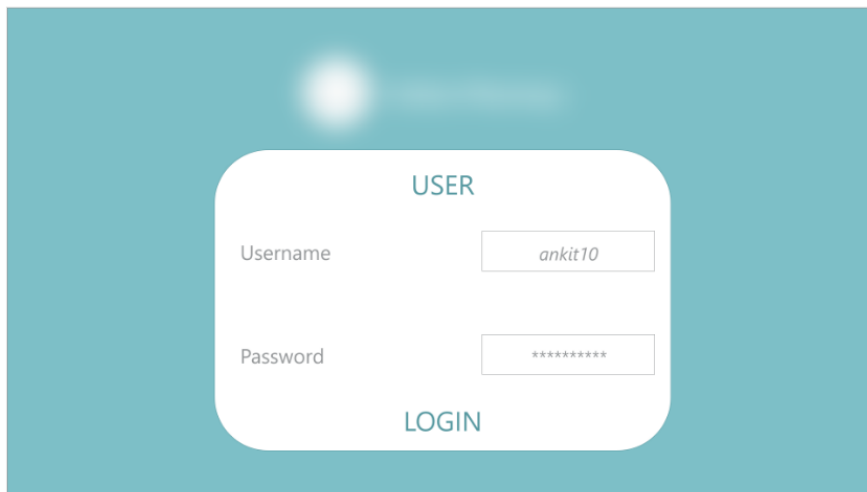
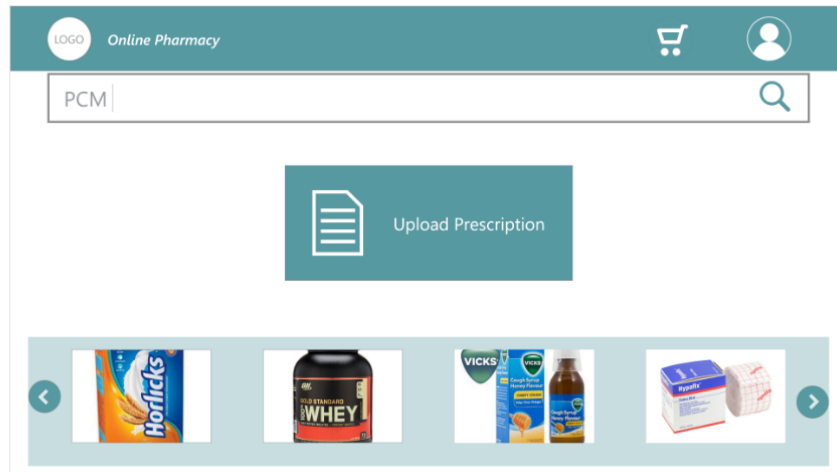This is the login page for the pharmacy.

3.2.4 User Login Page

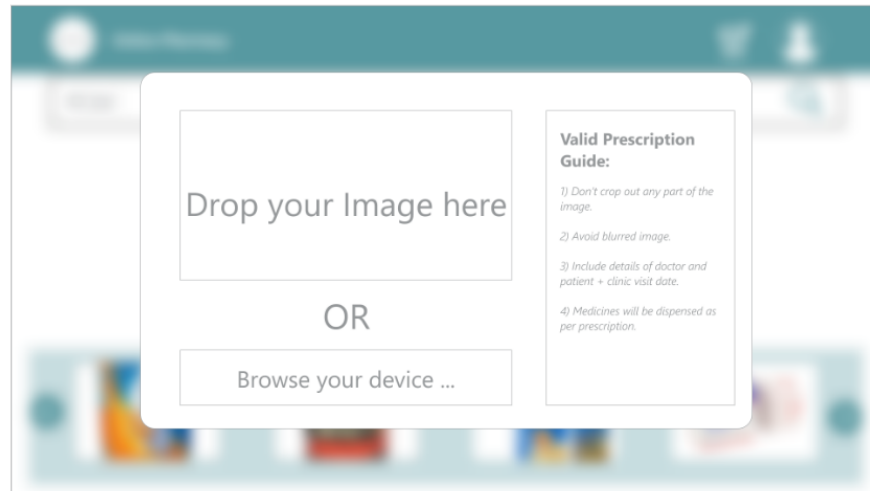
This is the login page for the User.

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.
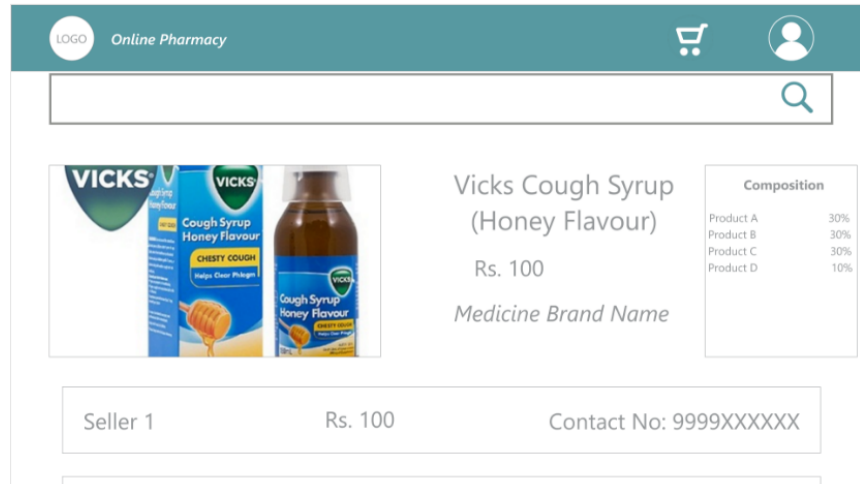
3.2.6   Upload Prescription

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

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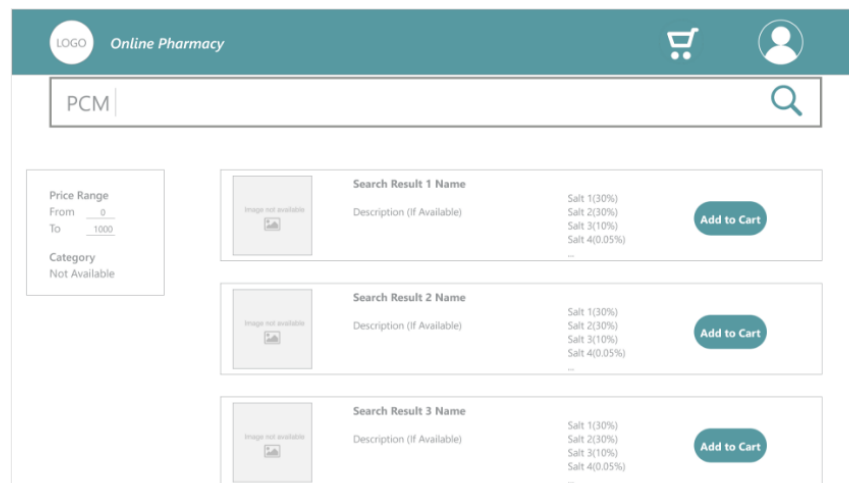
This page would come when a user searches for a product (OTC). The page shows all the related results that came on searching a particular product.

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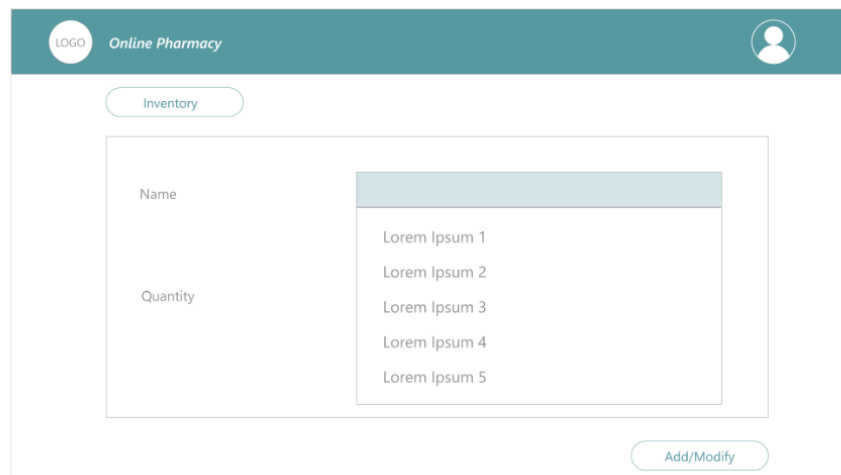
3.2.9 Order History
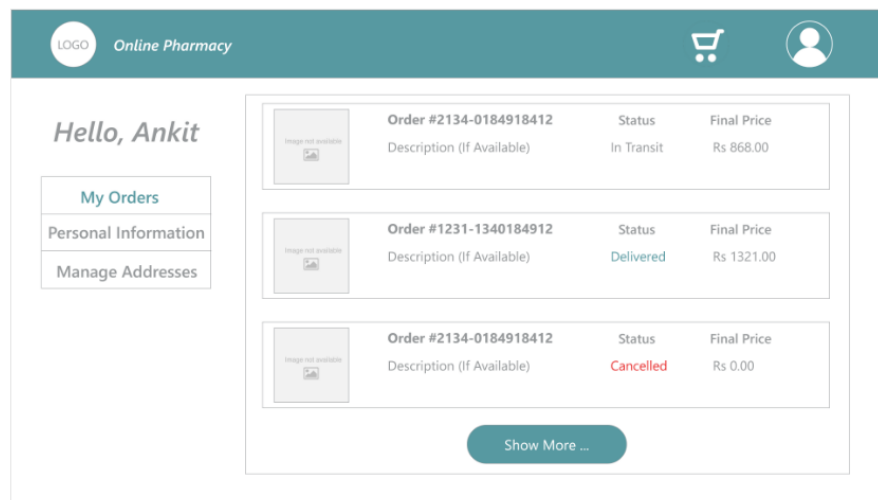
This page shows a look how will the page look like when my profile icon on the top right is clicked. This page is showing the order history.

3.2.10 Pharmacy End - Dashboard
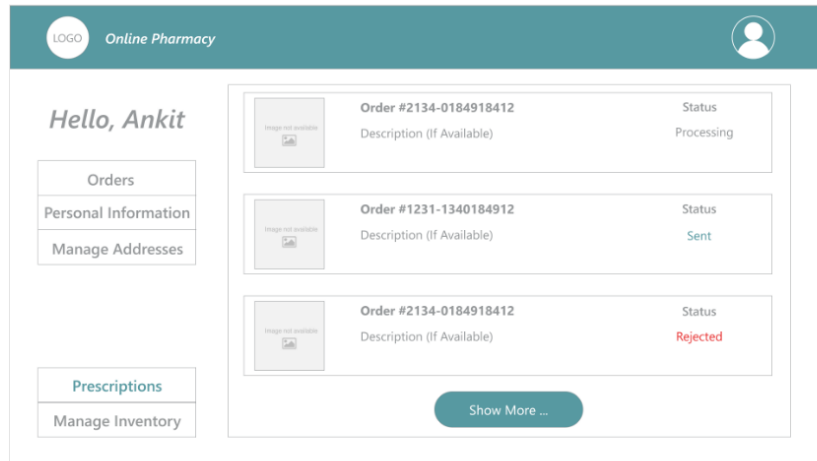
This page displays the dashboard for the pharmacy.

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

This page is for the pharmacist where he/she can monitor his /her inventory.
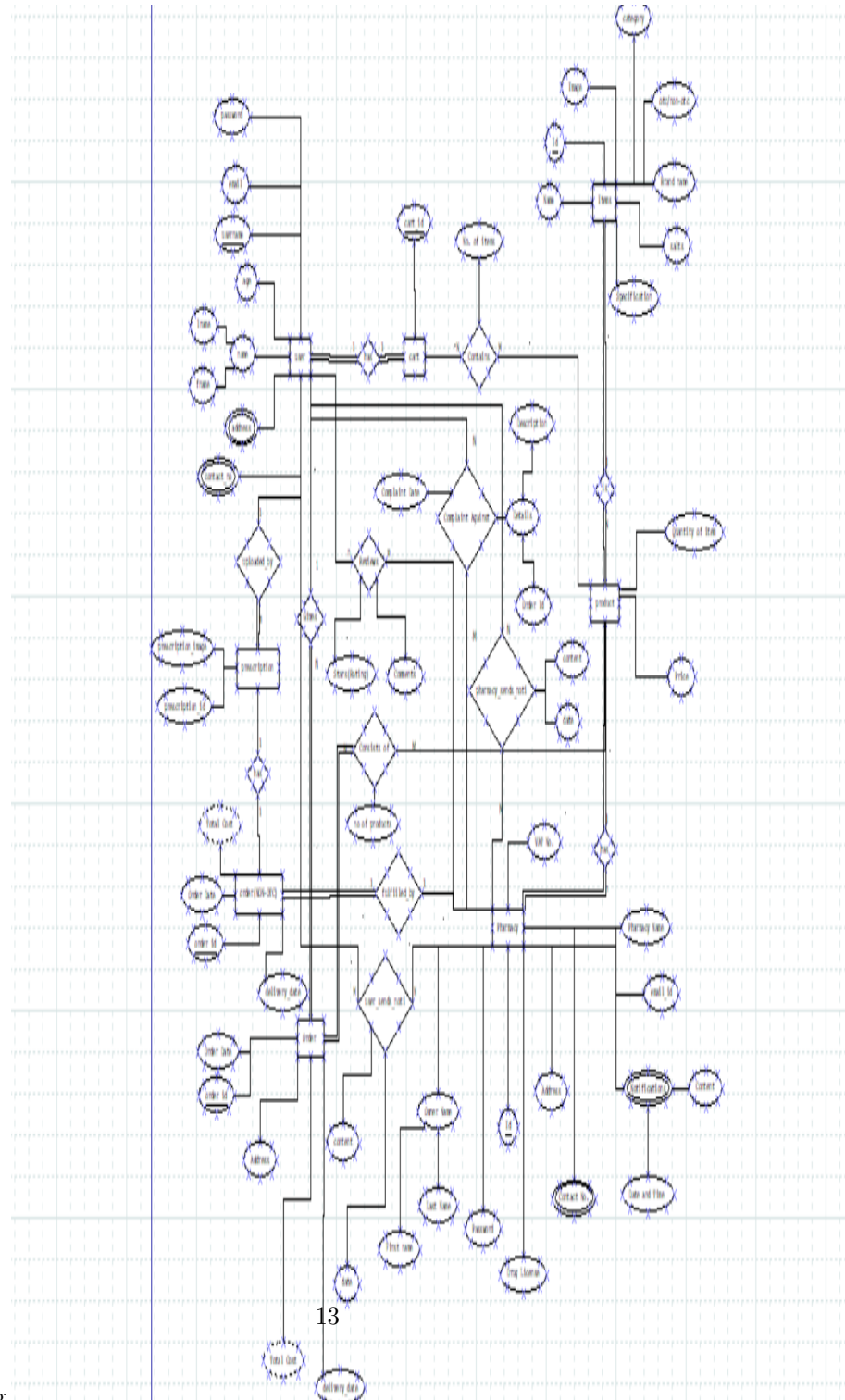
3.2.13 Pharmacy End-Adding a new product
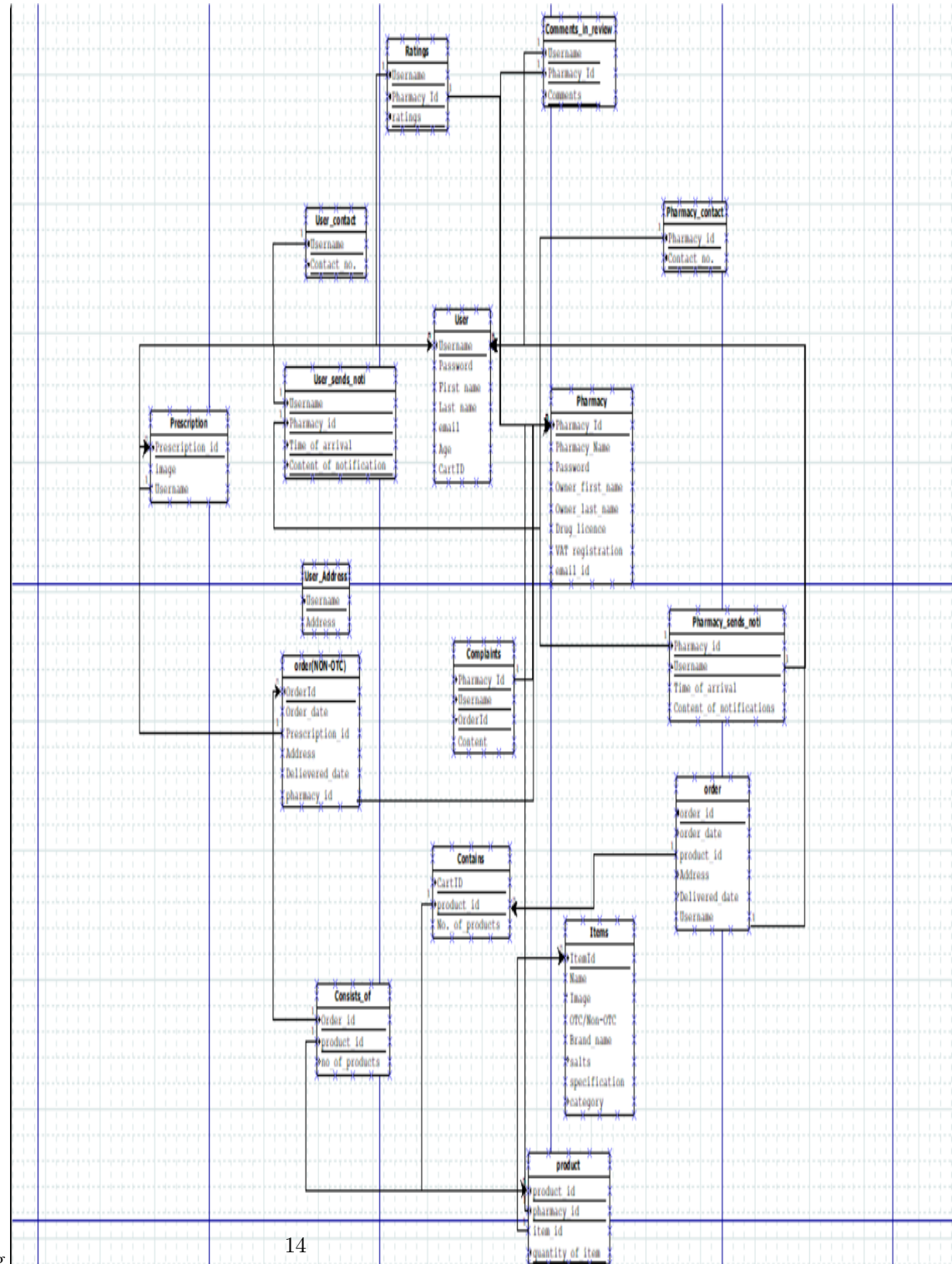

This is the form which will open up once a pharmacist wants to add a new product to his/her inventory.

4 High Level Design

4.1 Database Entity Relation Diagram

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(350).png

4.2 Database Relational Schema

(351).png

4.3 Activity Diagrams

4.3.1 Buyer's Activity Case Diagram

- Page 1.jpeg
We also included the diagram in the high-level design folder.
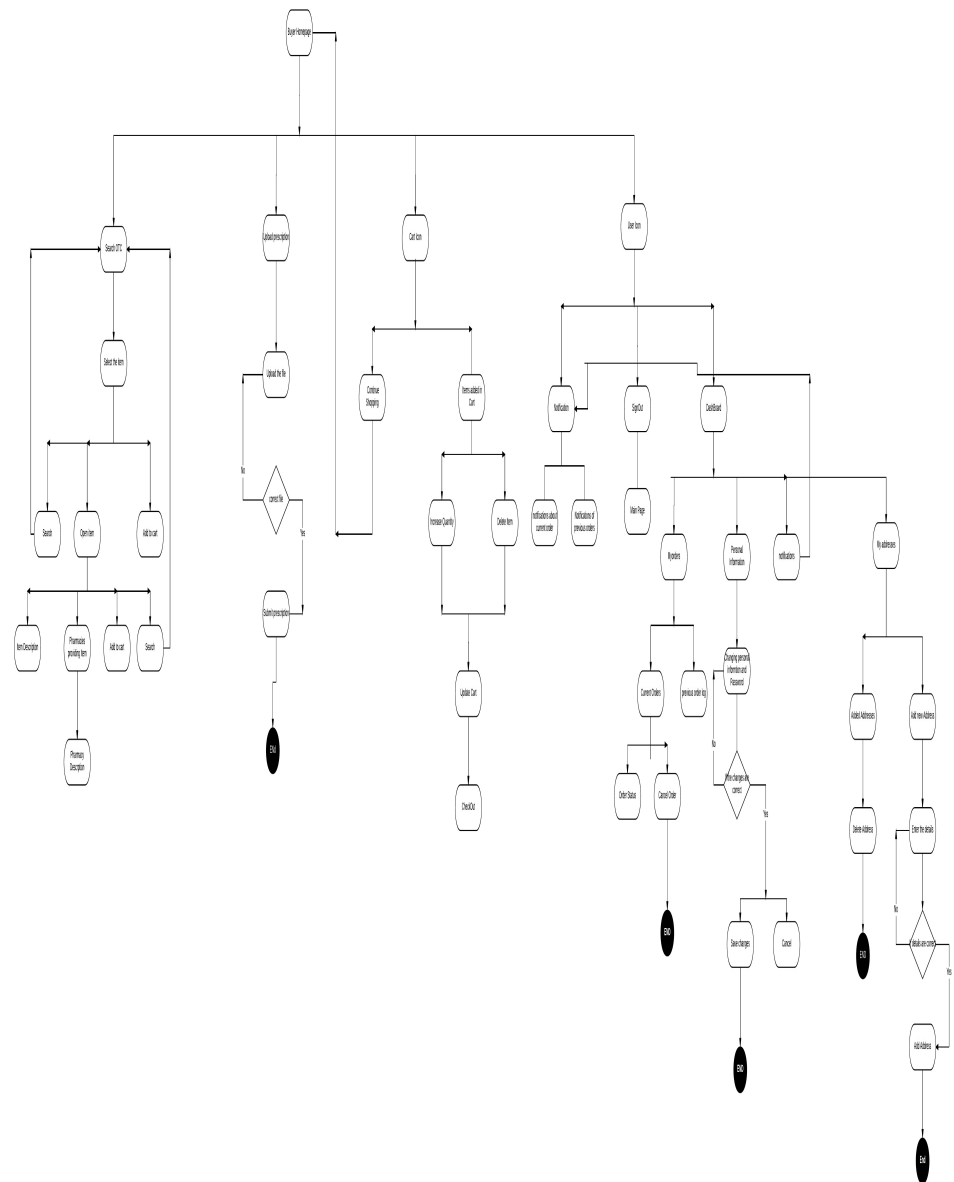
4.3.2 Seller's Activity Case Diagram

- Page 1.png
We also included the diagram in the high-level design folder.
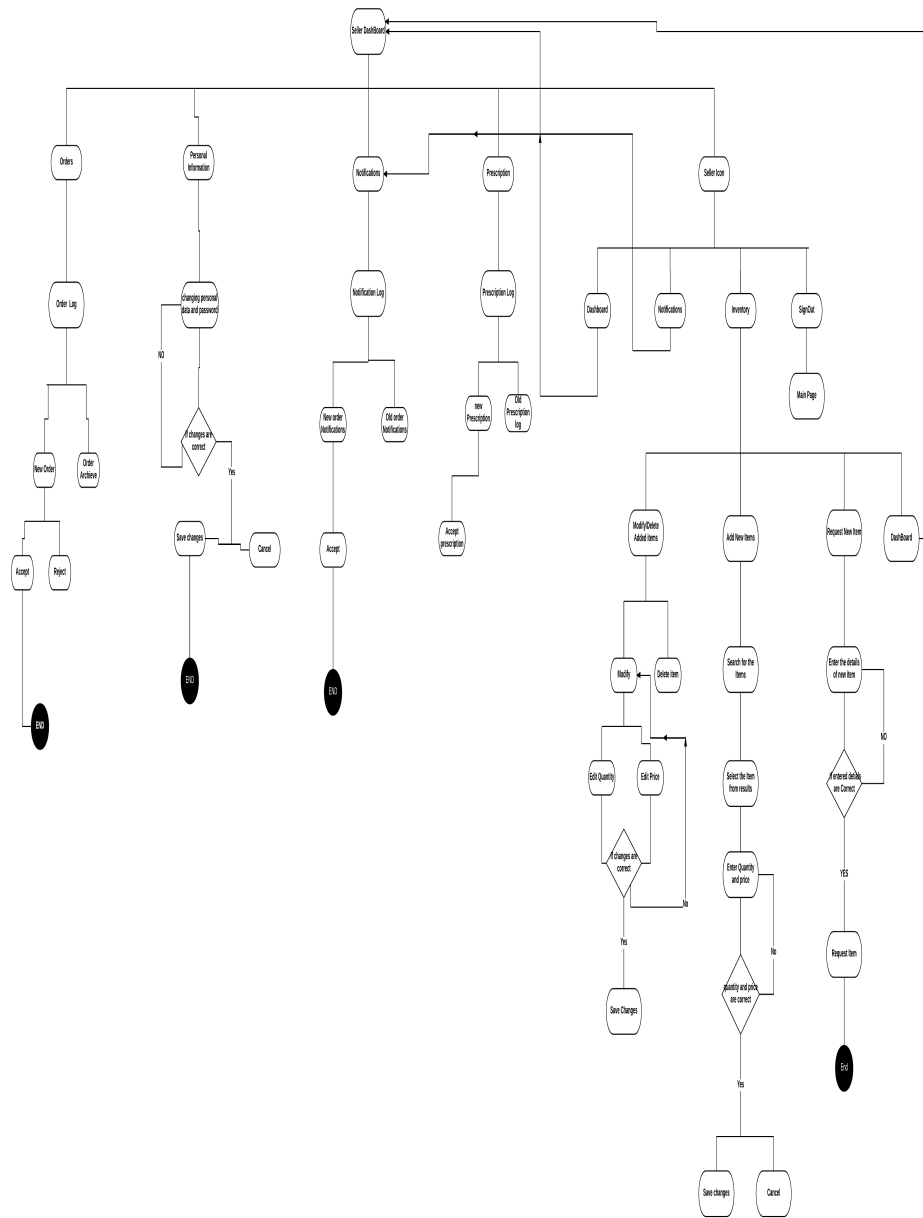
4.3.3 Home page activity case diagram

START

Sellers Interface

Skip

Buyers Interface

Login

Register

Login

Register

Login Page

Register Page

Login Page

Register Page

Yes

Yes

Yes

Yes

Wrong
Credintials

Wrong
Credintials

Wrong
Credintials

Wrong
Credintials

No

No

Sellers DashBoard

Buyers Homepage

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