1. Introduction

1.1 Objective

An E-MED store is a web based application where a person can order medicines, access other health products, and receive all the services at their doorstep. Just like other e-commerce portals, online pharmacies offer good discounts and other services also. E-MED Store is the Best Medicinal App for all Medical Stores to get online medicine orders from all chronic patients by medicine refill program from anywhere 24 hours. Online medical store and online pharmacy shop business are growing 20% to 30% month on month as 9 out of 10 chronic patients want medicine at home and for that using medicine delivery application.

1.2 Document Conventions

In the SRS document we are using Linux Libertine O with different font size for heading and descriptions. And we are highlighting headings with bold font style.

1.3 Intended Audience and Reading Suggestions

- *The intended audience for this document includes the E-MED web application who are going to use this website*
- *This project is being created under the guidance of Prof. Dipak Dhabi.*

Following section describes the rest of the product function and scope and other overall description.

1.4 Abstract

E-MED store is a web based application which is designed for any pharmacy/medical store. This application is specific for medical stores that enable functionalities for the management of pharmacy, medical representative and dispensing processes like patient medication records, decisions support for drug interaction, stock control, report generation, order processing etc.

E-MED is implemented in order to replace manual based systems to computerize. System will solve the problem of the current system by minimizing time wastage and reducing resources which simply change manual based systems to computerized systems. Basic features of E-MED store are its user interface, easy to utilize user

friendly inputs, data loading and reporting abilities, SMS-notifications and multi locations support inventory management feature etc.

1.5 References

http://mca.ignougroup.com/2017/03/solved-mcs044-medical-store-management.html
https://t4tutorials.com/online-e-medicine-store-management-system-project-srs-document/
https://meeraacademy.com/dfd-diagram-for-online-shopping-website/
https://www.emedstore.in/
https://steemit.com/programming/@mohsan0073/data-flow-diagram-for-online-shopping-store-designed-by-me

2. Overall Description

2.1 Product Perspective

<Describe the context and origin of the product being specified in this SRS. For example, state whether this product is a follow-on member of a product family, a replacement for certain existing systems, or a new, self-contained product. If the SRS defines a component of a larger system, relate the requirements of the larger system to the functionality of this software and identify interfaces between the two. A simple diagram that shows the major components of the overall system, subsystem interconnections, and external interfaces can be helpful.>

2.2 Product Functions

1.1 System Modules
Here are some modules that we have use in this project:

1.1.1 Admin
Admin can login, logout, manage MR's.

1.1.2 Medical Representative (MR)
Mr can register, login, logout, manage pharmacist, can send SMS and notification, generate invoices.

1.1.3 Medical Stores/Pharmacies
Pharmacists can register, login, logout, manage customers,
can send sms and notification, manage the stock of medicines, manage inventory,
generate the daily report, monthly report, verification of E-Prescription,

can order medicines, can generate invoices, accept payments, provide delivery options, pay for the product, search product, can cancel the order.

1.1.4 End User/Customer
Customers can register, login, logout, order medicines, search products, upload E-Prescription, can do changes in cart, can cancel the order, pay for the product.

1.2 Functional Requirements

- This section provides requirements overview of the project.

ID	Title & Description
FR1	Title: Registration
	Desc: MR, Pharmacists and Customers can register.
FR2	Title: Login
	Desc: Admin, MR, Pharmacists and Customers can login.
FR3	Title: Staff Registration

	Desc: Pharmacists can create a new staff.
	        Staff can login, logout.
	        Pharmacists will add, delete and modify staff details.

FR4	Title: MR management
	Desc: Admin will manage MR's.
FR5	Title: Order Medicine
	Desc: Pharmacist/Customer can order medicines
FR6	Title: SMS and Notifications
	Desc: With the use of this system pharmacists can schedule notifications to the patients intimating them before their prescription runs out.

		The customers can then let pharmacists if they need refill, simply by responding to the message. The status update let the pharmacist keep in touch with the customer/patient.
FR7	Title: Searching of Products	
	Desc: Pharmacists/Customers will be able search their required product/medicine.	
FR8	Title: Remainder about product shortage/expiry	
	Desc: Pharmacists can schedule notifications to MR about product shortage or expiry of medicines.	
FR9	Title: E-Prescription	
	Desc: Customers will upload photo of prescriptions recommended by the doctor.	
FR10	Title: Verification of E-Prescription	
	Desc: Pharmacist will do telephonic verification of e-prescription.	
FR11	Title: Sell	
	Desc: Pharmacists will add, delete and modify the details of sold products.	
FR12	Title: Report Generation	
	Desc: Medical stores will generate monthly & yearly based reports of medicine sold, inventory and stock.	
FR13	Title: Stock Management	
	Desc: Medical stores will generate daily reports of their medicine sold and stock of their medicines.	
FR14	Title: Inventory	
	Desc: Pharmacists add, modify and delete the details of inventory.	

FR15	Title: Replacement of expiry products
	Desc: Customers will return expired medicine to the medical store and then medical stores will return it to MR and then MR will replace those medicines according to their policy.
FR16	Title: Invoice
	Desc: Receipt is generated of ordered items.
FR17	Title: Changes to cart
	Desc: Changes to cart means the customer can make order of the product from the shopping cart.
FR18	Title: Cancellation
	Desc: Medical Store/Customer can cancel their product.
FR19	Title: Payment
	Desc: Medical Stores/ Customers will be able to shop online and pay the bills from their account. A secure way will be provided for the billing.
FR20	Title: Logout
	Desc: Admin, MR, Pharmacists and Customers can logout.

1.3 Product Diagrams

1.1.1 Use Case Diagrams

E-Med Store

Login

Registration

Logout

Manage MR's

Manage Pharmacist's

Send SMS and Notification's

Manage Customers

Manage Stock

Manage Inventory

Generate Daily Reports

Verification of E-prescription

Order Medicines

Generate Invoices

Payment

Delivery Options

Search Product

Upload E-prescription

Changes in Cart

Cancellation

Actor
Admin

Actor
Medical Reprsentative

Actor
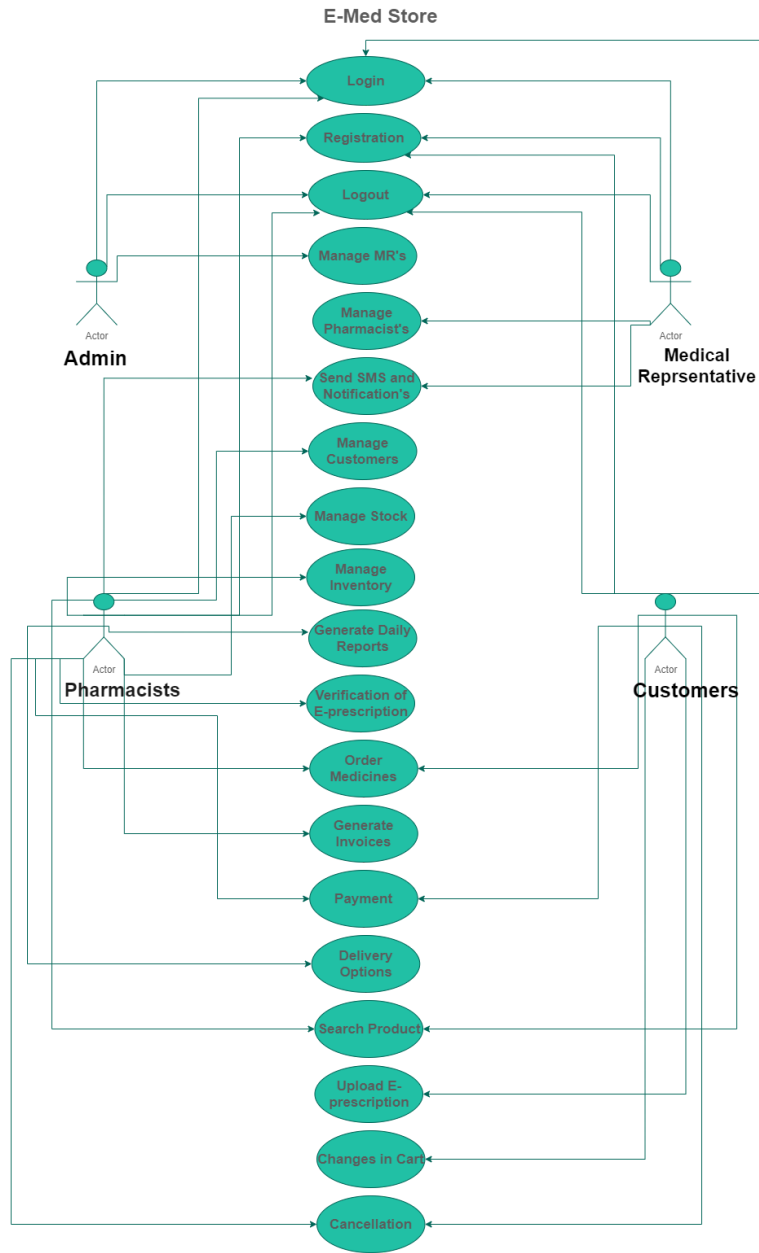**Pharmacists**

Actor
Customers

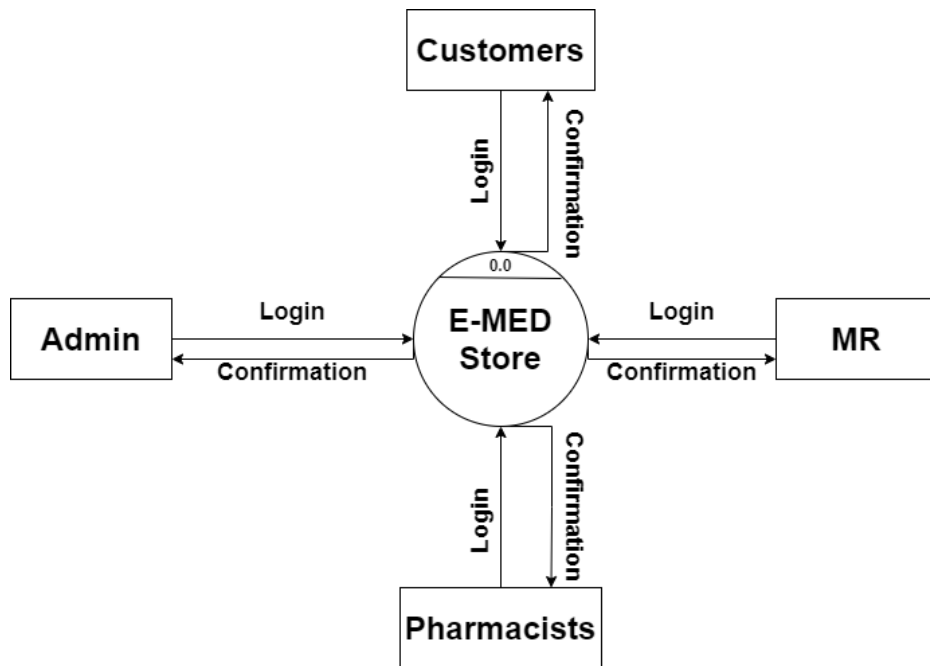Figure: 1 Use Case Diagram

1.1.2 Data Flow Diagram

Figure 2: DFD Level 0
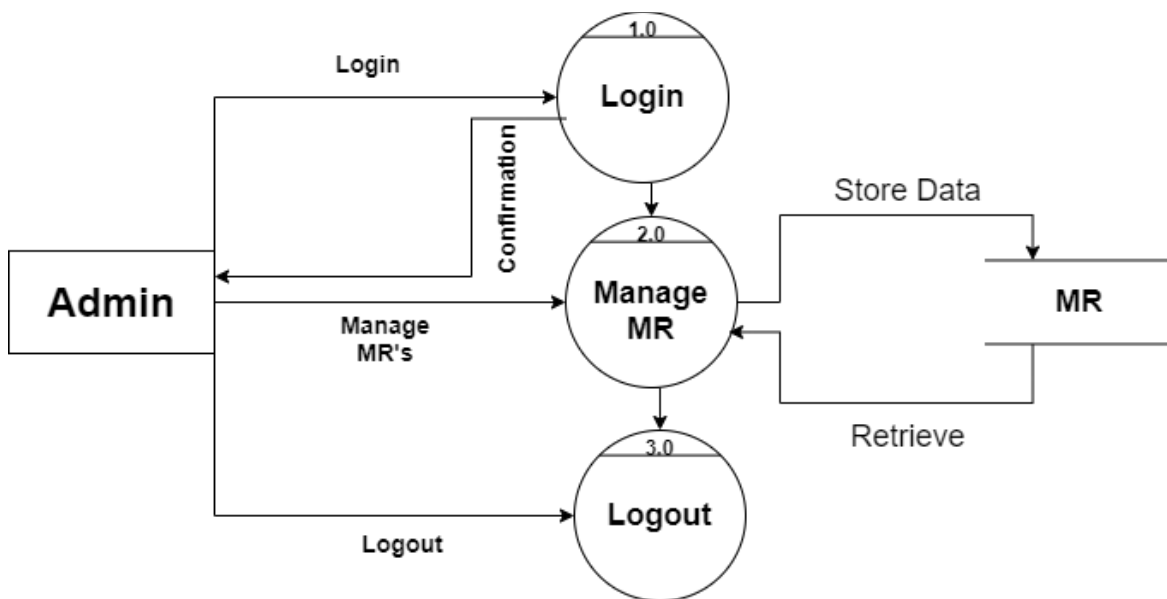
Figure 3: DFD Level 1(Admin)

Figure 4: DFD Level 1(MR)

Data Flow Diagram

Pharmacists

Registration/Login → **1.0 Registration or Login**
Confirmation

2.0 Manage Customer
Store Data → **Customer**
Retrieve
Manage Customer

3.0 Send SMS & Notification
Store Data → **Refilling**
Retrieve
Send Sms for Refilling for Medicines
Confirmation

4.0 Manage Stock
Store Data → **Stock**
Retrieve
Manage Stock of Medicine

5.0 Manage Inventory
Store Data → **Inventory**
Retrieve
Manage Inventory

6.0 Report
Store Data → **Report**
Retrieve
Manage Daily/Monthly/Yearly Report

7.0 Verification of E-Prescription
Store Data → **Prescription**
Retrieve
Verification

8.0 Order Medicine
Store Data → **Order_Details**
Retrieve
Order
Confirmation

9.0 Generate Invoices
Store Data → **Invoices**
Retrieve
Generate Invoices

10.0 Accept Payment
Store Data → **Sell**
Retrieve
Accept Payment

11.0 Search Product
Store Data → **Products**
Retrieve
Search Product

12.0 Payment
Store Data → **Purchase**
Retrieve
Pay for the Products

13.0 Cancel Order
Cancellation

14.0 Delivery
Store Data → **Delivery**
Retrieve
Provide Delivery hand-to-hand/door-to-door
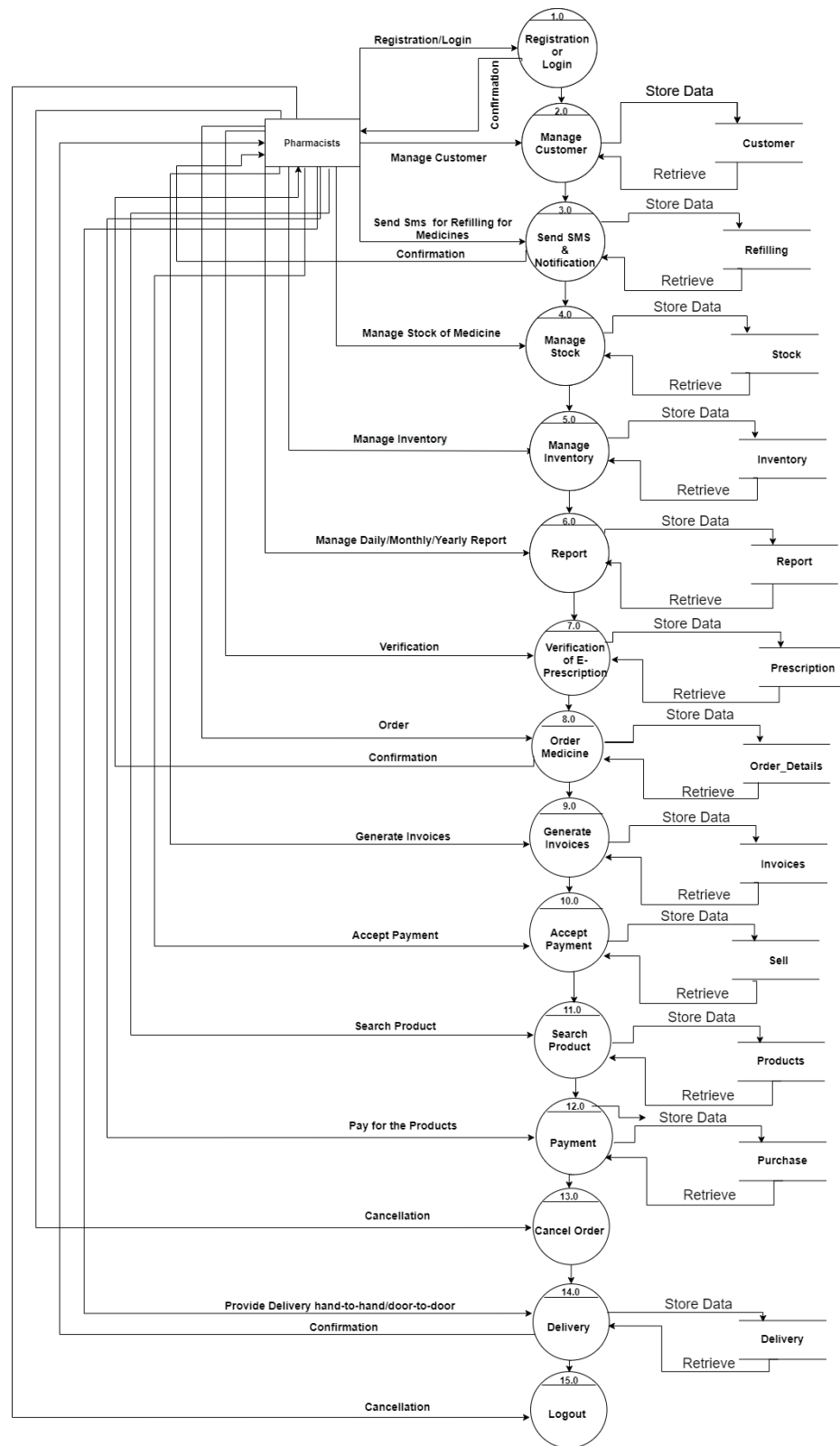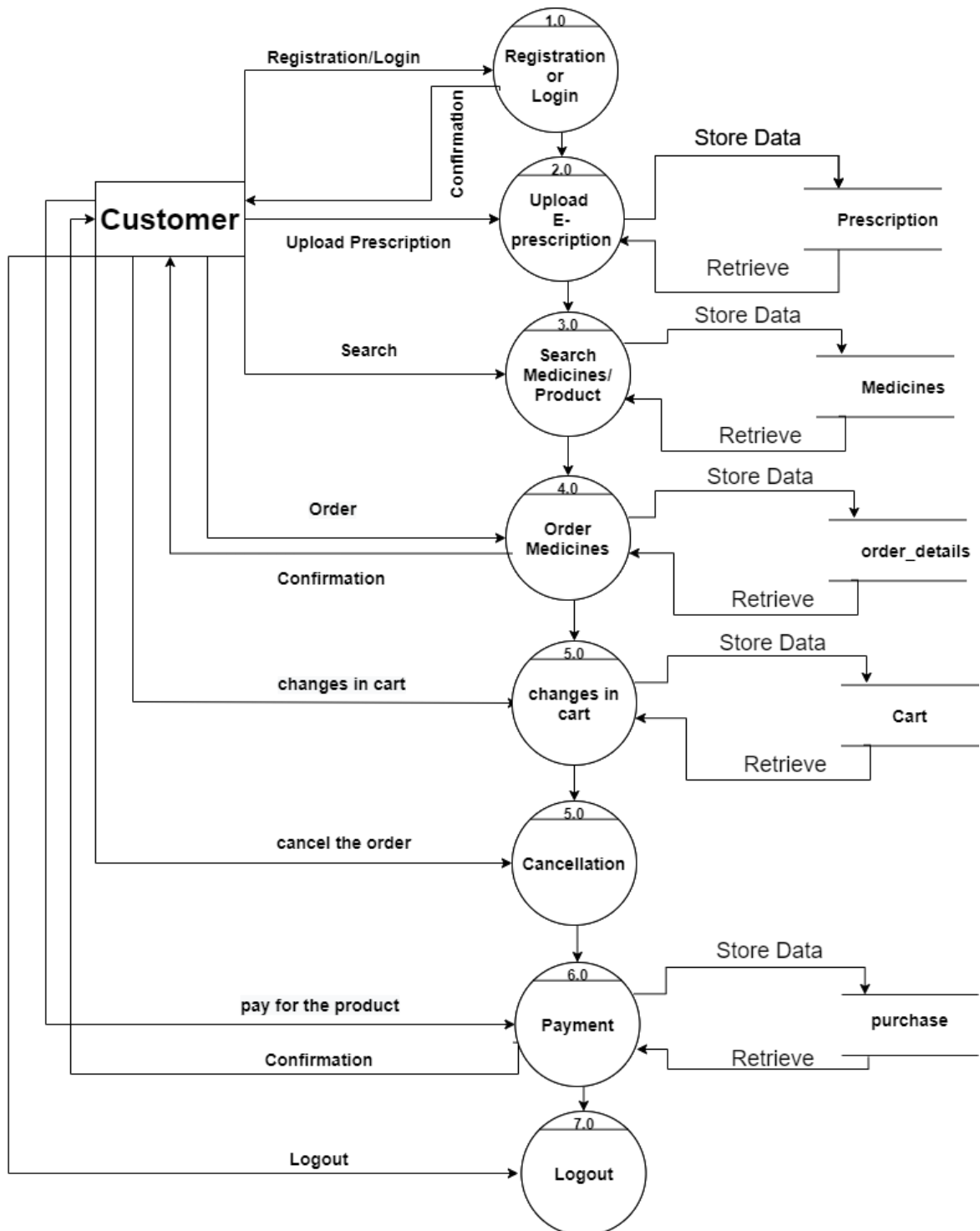Confirmation

15.0 Logout
Cancellation

Figure 5: DFD Level 1(Medical Store)

Figure 5: DFD Level 1(Customer)