

# Medicine Shop Management System

Developed by Tuhin Subhra Hazra



# About Project



The Medicine Management System Project is a Web Application based on the basis of the MongoDB database architecture. In this application medicine shop can track of their medicine.

# Introduction to Project

The MEDICINE SHOP MANAGEMENT SYSTEM is powerful, flexible, and easy to use web application and is designed and developed to deliver real conceivable benefits to Medicine Shop. On the basis of the knowledge gain from them we have made a system study report which ultimately helps us to develop the actual website.

## Utilities :

This medical store management system will provide us the given information,

1. **Inventory** : Show the details of medicines stored in the database.
2. **Suppliers** : Provides the details of the suppliers.
3. **Customers** : Provides the details of the customers.
5. **Employees**: Provides the details of the employees who worked for this medicine shop.

# Project Requirement

## Languages:

➤ HTML   ➤ CSS   ➤ JavaScript   ➤ Node.js

## Framework :

➤ Express

## Database Management System:

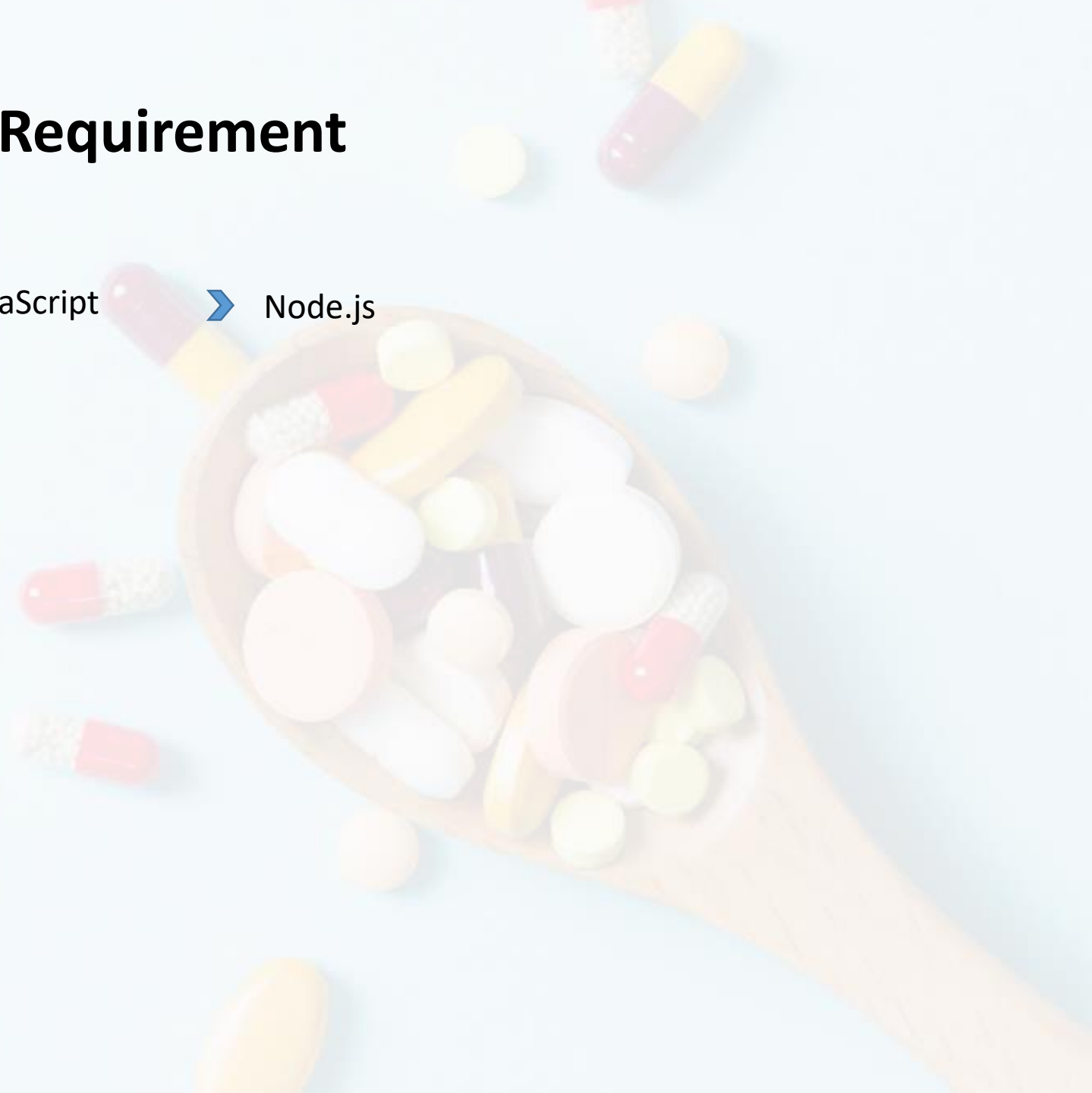
➤ MomgoDB

## Database :

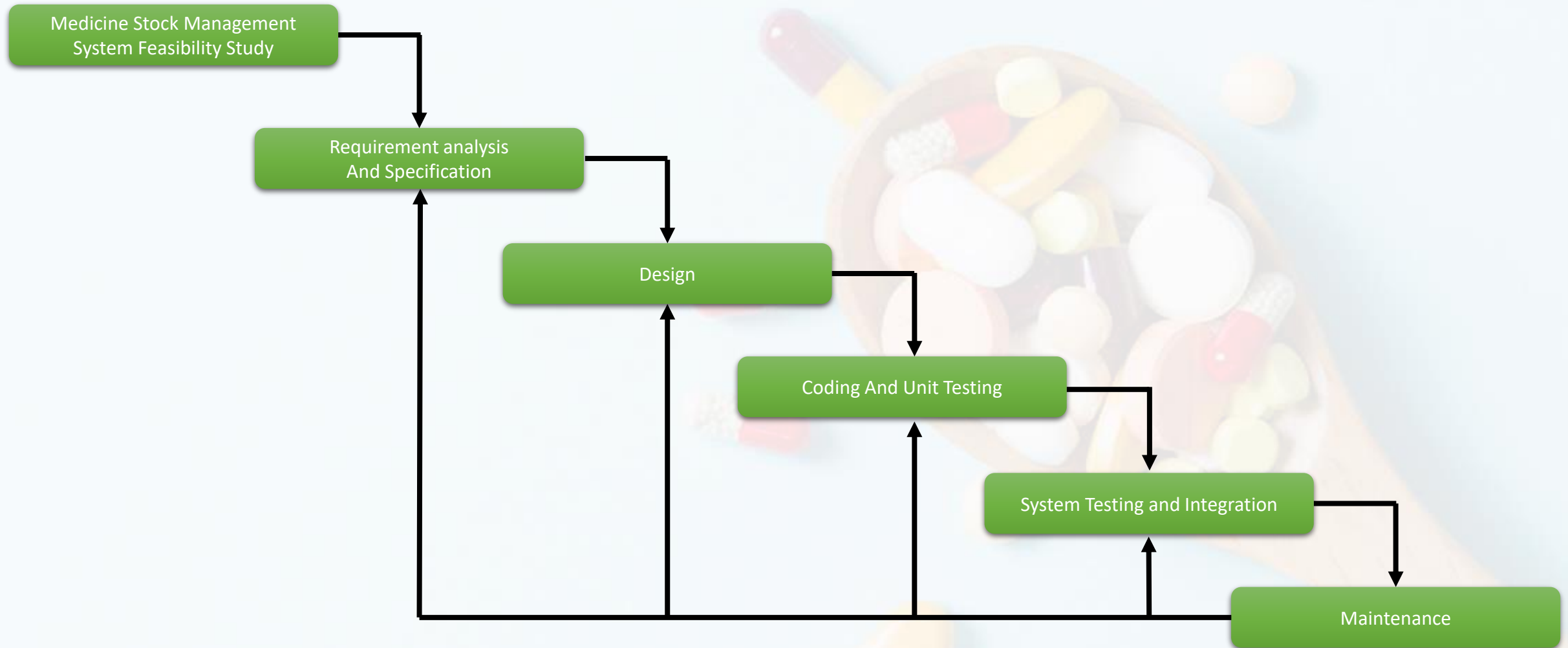
➤ Microsoft Azure

## Hosted Server:

➤ Heroku



# SDLC (Iterative Waterfall Model)

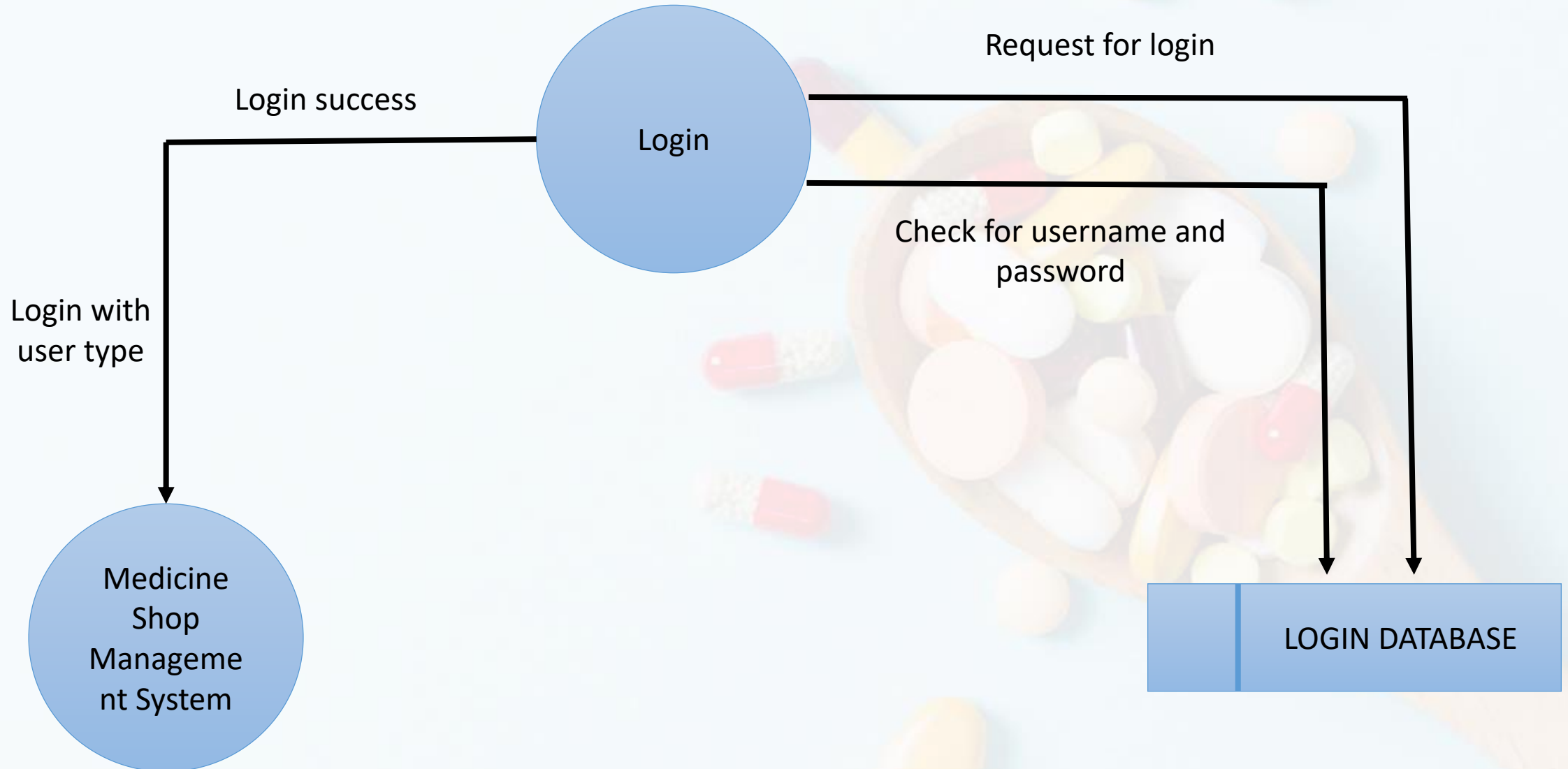


# Context Flow Diagram(DFD)

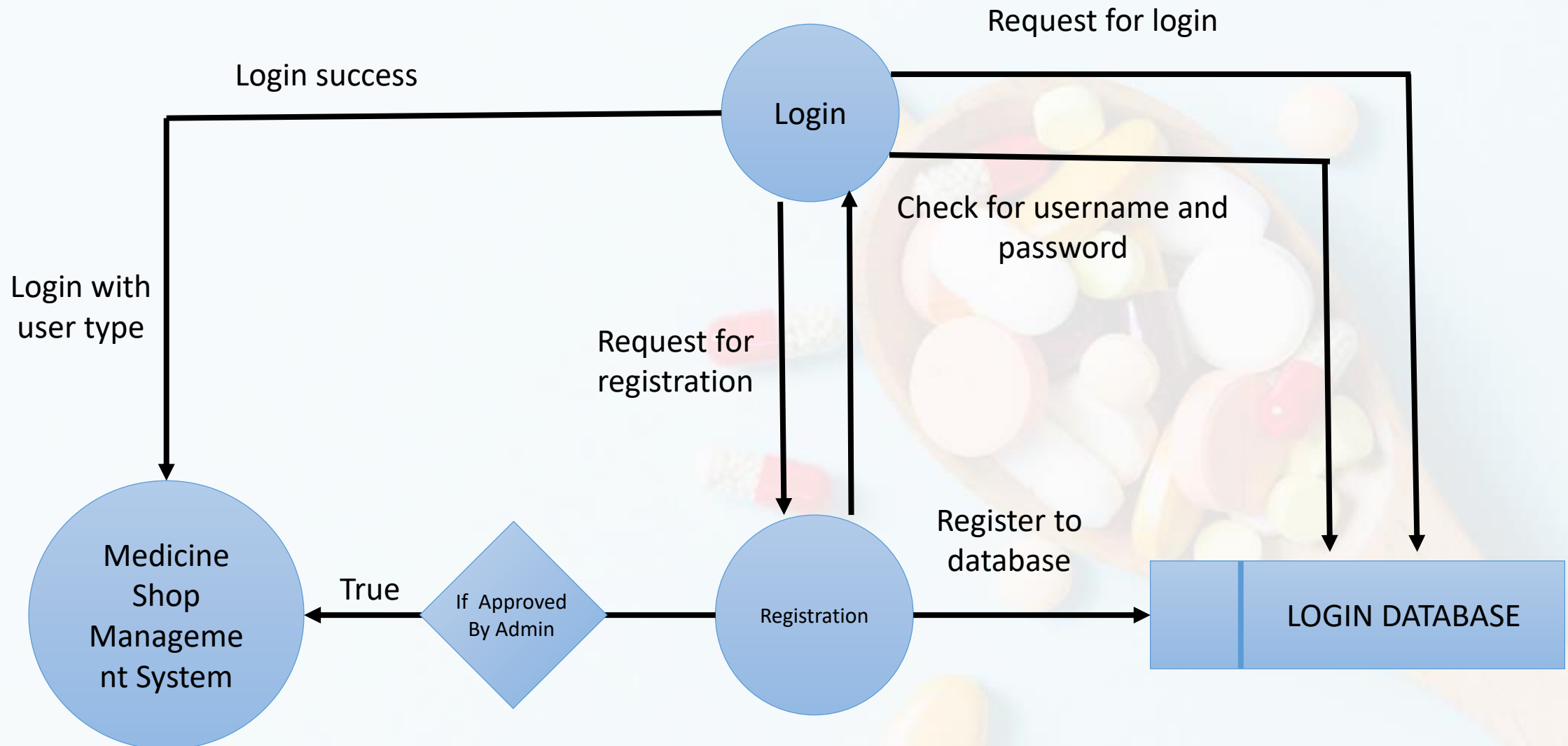




## Level 0 DFD For Admin Login

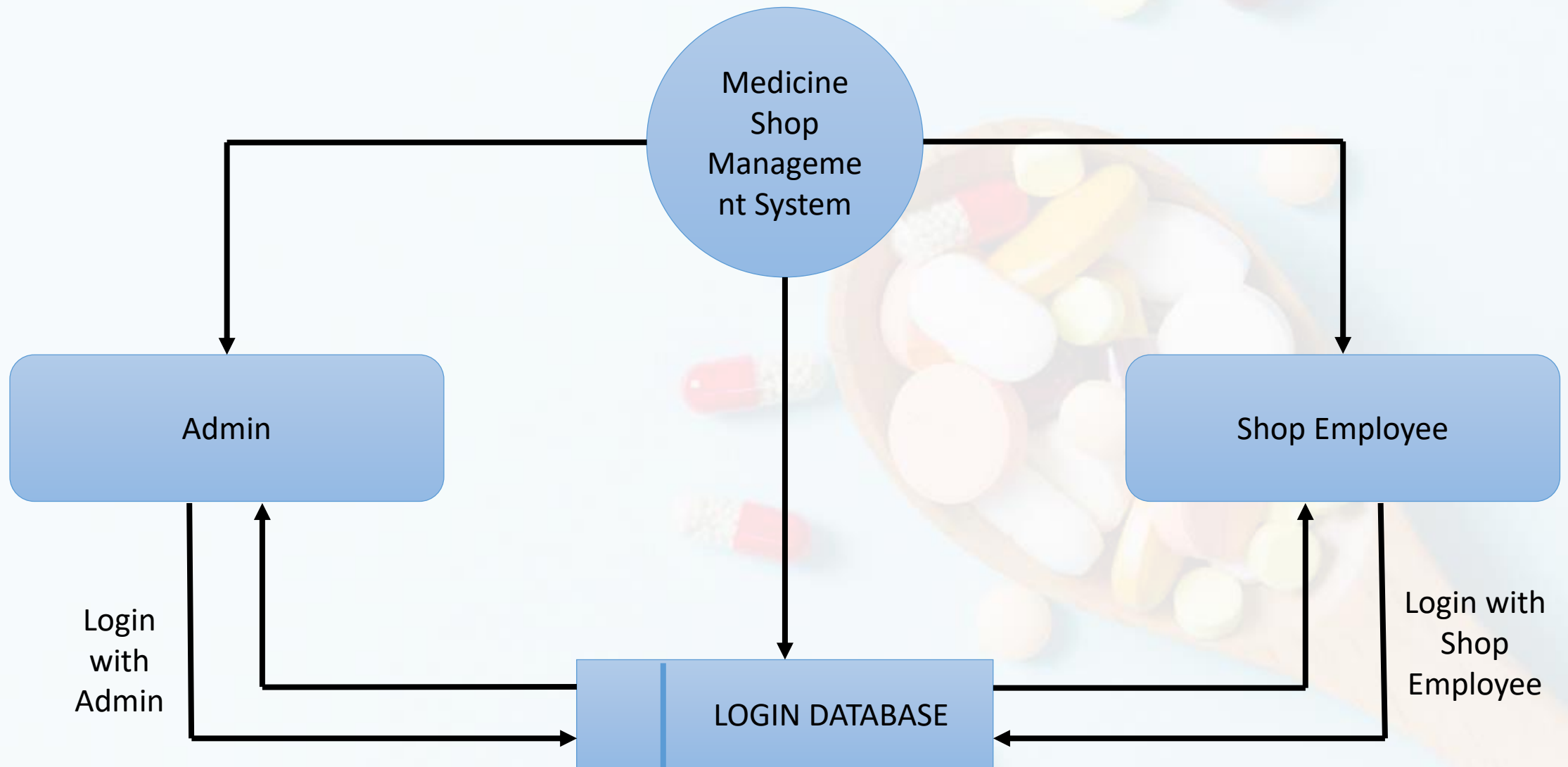


# Level 0 DFD For Employee Login

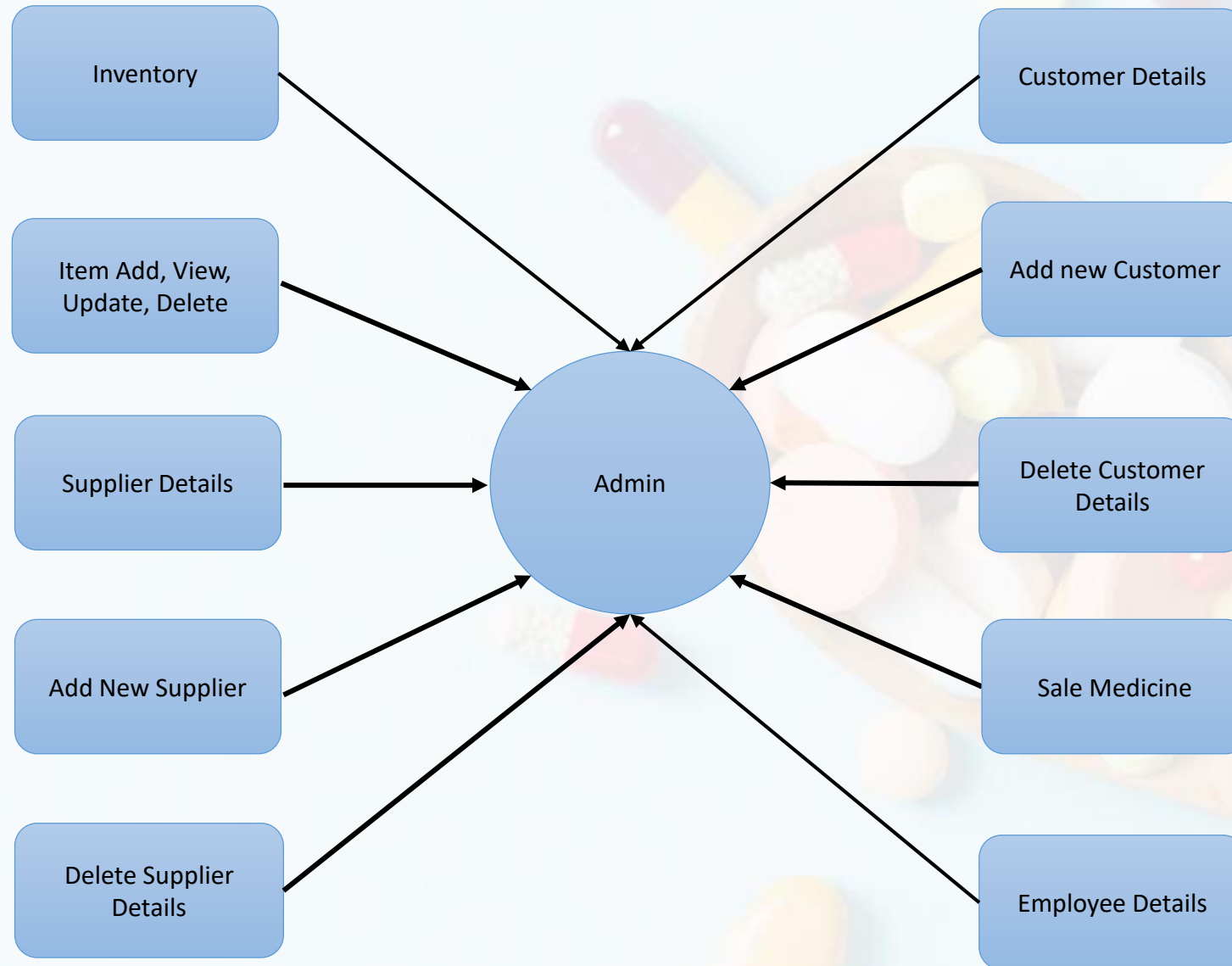




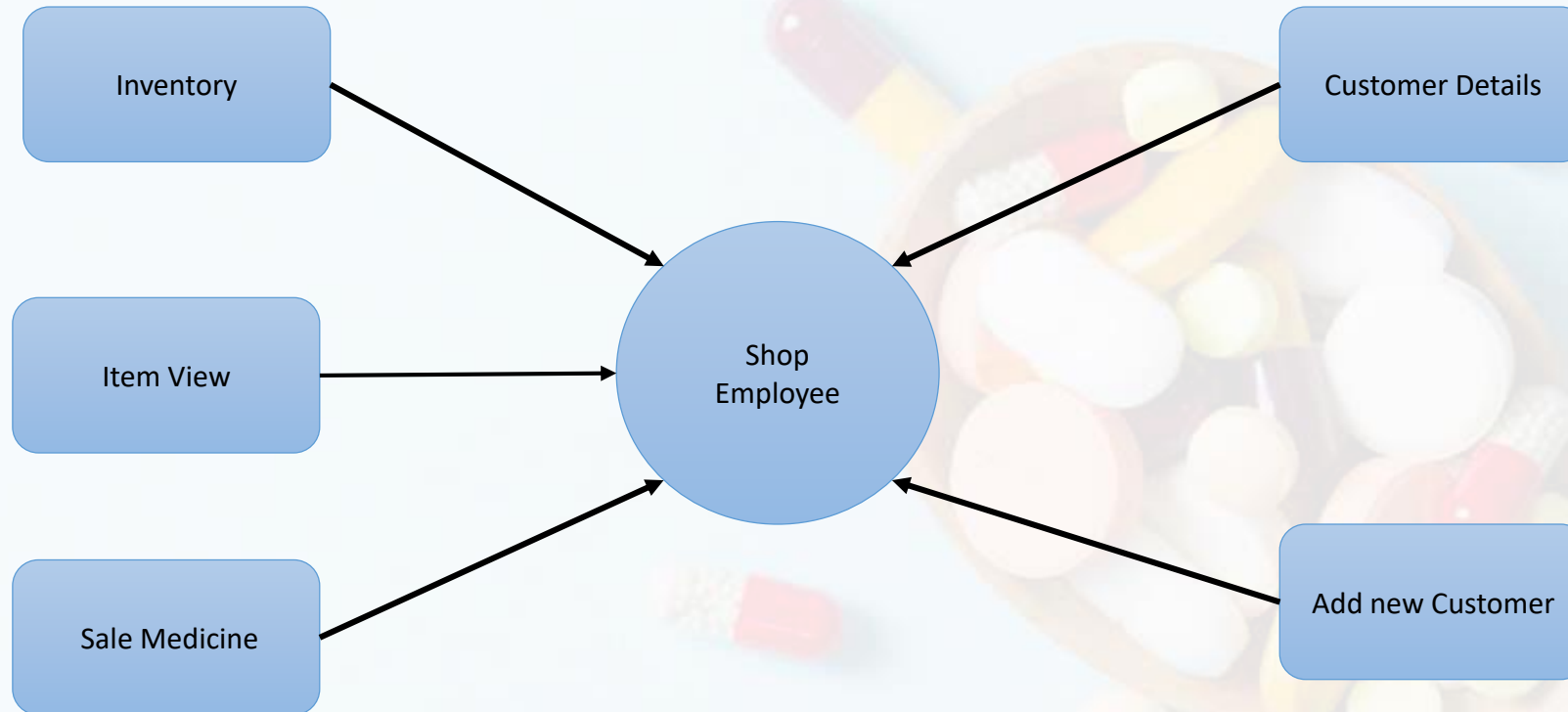
# Level 1 DFD Management System



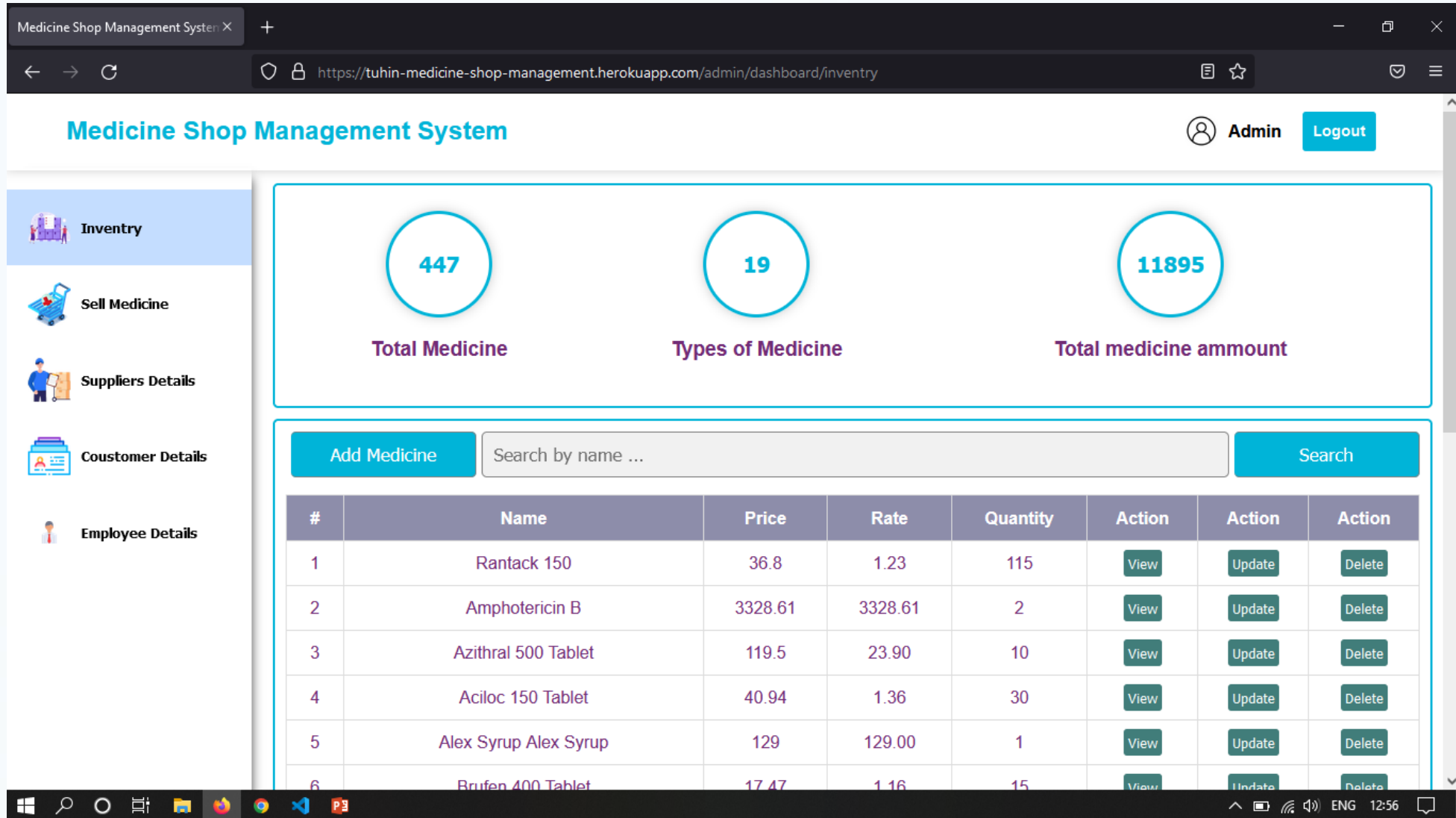
## Level 2 DFD For Admin



## Level 2 DFD For Shop Employee



# Project Screen Shot



The screenshot displays the Medicine Shop Management System dashboard. The top navigation bar includes the system name, a user profile for 'Admin', and a 'Logout' button. A left sidebar contains navigation links for 'Inventory', 'Sell Medicine', 'Suppliers Details', 'Coustomer Details', and 'Employee Details'. The main content area features three summary cards: 'Total Medicine' (447), 'Types of Medicine' (19), and 'Total medicine ammount' (11895). Below these is a table of medicines with columns for ID, Name, Price, Rate, Quantity, and three Action buttons (View, Update, Delete). The table lists six items, including Rantack 150, Amphotericin B, and Azithral 500 Tablet.

Medicine Shop Management System

Admin Logout

Inventory

Sell Medicine

Suppliers Details

Coustomer Details

Employee Details

447  
Total Medicine

19  
Types of Medicine

11895  
Total medicine ammount

Add Medicine Search by name ... Search

#	Name	Price	Rate	Quantity	Action	Action	Action
1	Rantack 150	36.8	1.23	115	View	Update	Delete
2	Amphotericin B	3328.61	3328.61	2	View	Update	Delete
3	Azithral 500 Tablet	119.5	23.90	10	View	Update	Delete
4	Aciloc 150 Tablet	40.94	1.36	30	View	Update	Delete
5	Alex Syrup Alex Syrup	129	129.00	1	View	Update	Delete
6	Brufen 400 Tablet	17.47	1.16	15	View	Update	Delete

# Project Screen Shot

Medicine Shop Management Sys x +

tuhin-medicine-shop-management.herokuapp.com/admin/dashboard/sell/

## Medicine Shop Management System

Admin Logout

Inventory

**Sell Medicine**

Suppliers Details

Customer Details

Employee Details

### Add to cart

Medicine name	Batch	Quantity	Discount	Action
Enter Medicine name	Enter batch no.	Enter quantity	Enter discount (%)	Add

MEDICINE NAME	BATCH	EXPIRY	QTY	RATE	AMOUNT	DISC	NET AMT	Action
Junior Lanzol 15mg Tablet DT	bq12314	2/2026	5	9.86	49.29	15%	41.90	delete
Rantack 150	b123	5/2027	7	1.23	8.59	15%	7.30	delete

Total : 49.20

Submit

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# Project Screen Shot

Medicine Shop Management System

Admin Logout

Inventory

Sell Medicine

Suppliers Details

Coustomer Details

Employee Details

Add new supplier

Supplier name	Contact no	Email id	Action
<input type="text" value="Enter supplier name"/>	<input type="text" value="Enter contact no"/>	<input type="text" value="Enter email id"/>	<button>Submit</button>

Search by name / ph number / email ... Search

#	Name	Ph number	Email id	Action
1	Akash Pattanayak	7418529647	akash@gmail.com	<button>delete</button>
2	Ayan Bhowmik	9874125634	ayan@gmail.com	<button>delete</button>
3	Ayan Das	7489631456	ayandas@gmail.com	<button>delete</button>
4	Mrinmoy Biswas	8963147563	mrinmoy@gmail.com	<button>delete</button>

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# For Admin Login

Admin Username : Admin  
Admin Password : admin@890

Project Link:

<https://tuhin-medicine-shop-management.herokuapp.com>