



# MediSearch

**Shashini Upekha  
Hasara Wijesooriya**

# PROBLEM

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- Medicine Shortage in Sri Lanka
- People have to wait in queues without knowing the availability of medicines.





# OUR SOLUTION

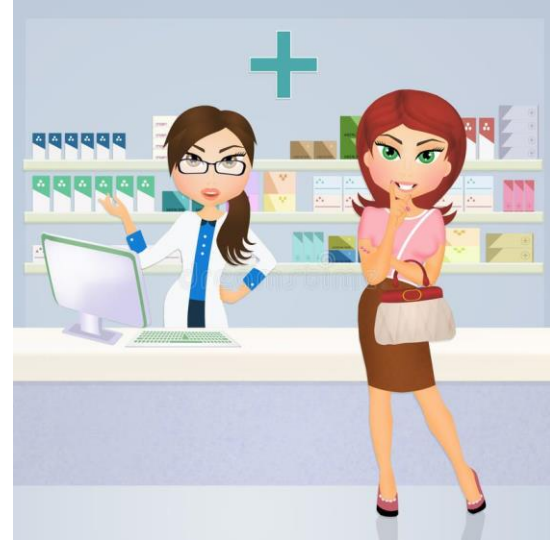
Web Application to find the pharmacies having the required medicine of the users

# Pharmacy Owner

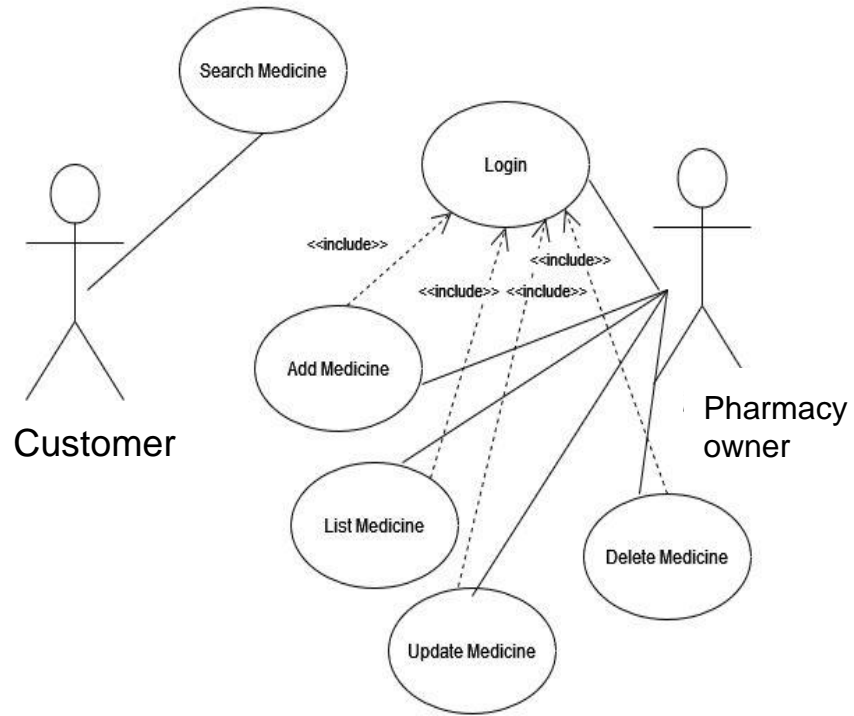
- Login to the System
- Enter the details about medicine
- Add/ Remove medicine types
- Update about the availability.

# Customer

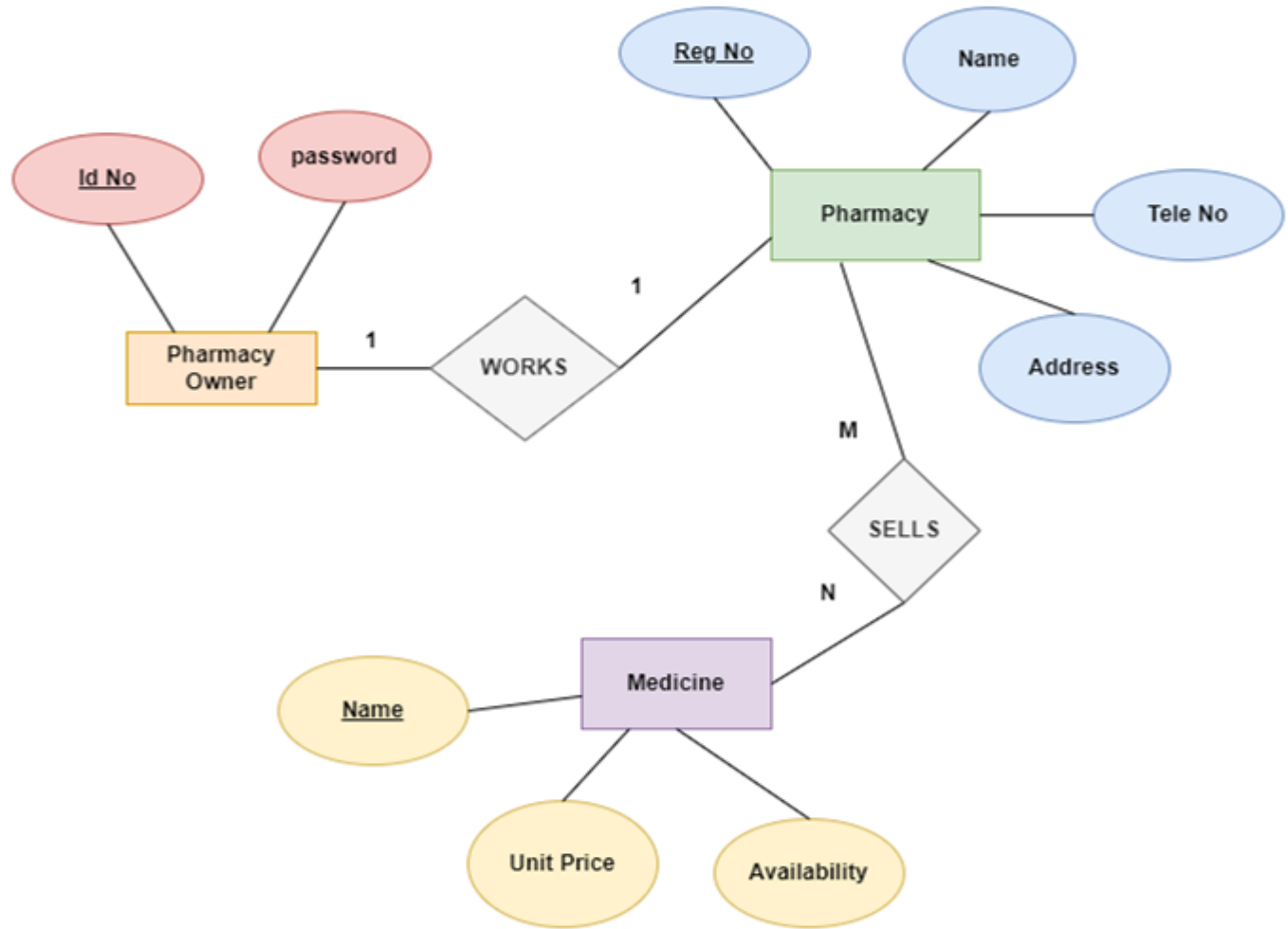
- Get a list of pharmacies with the required medicine.



# Use Case Diagram



# ER Diagram



# EER Diagram

Pharmacy Owner

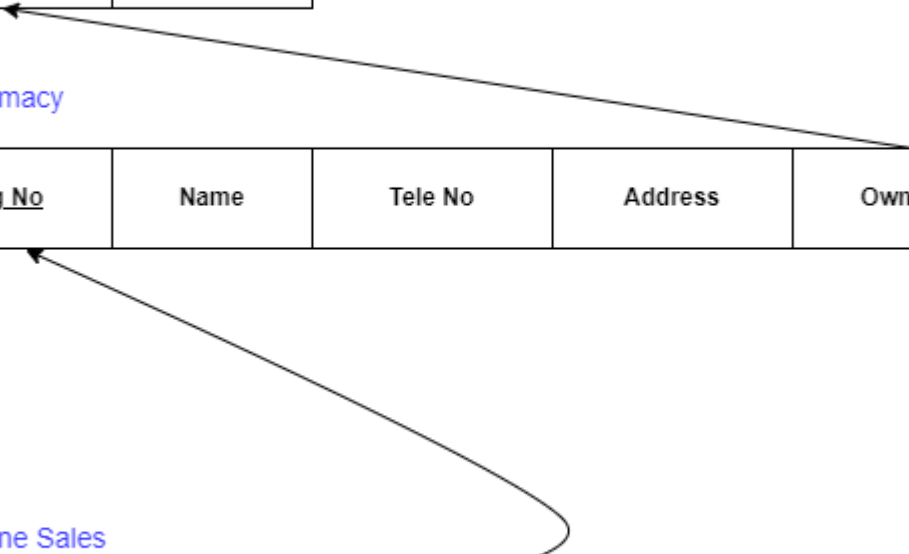
<u>Id No</u>	Password
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Pharmacy

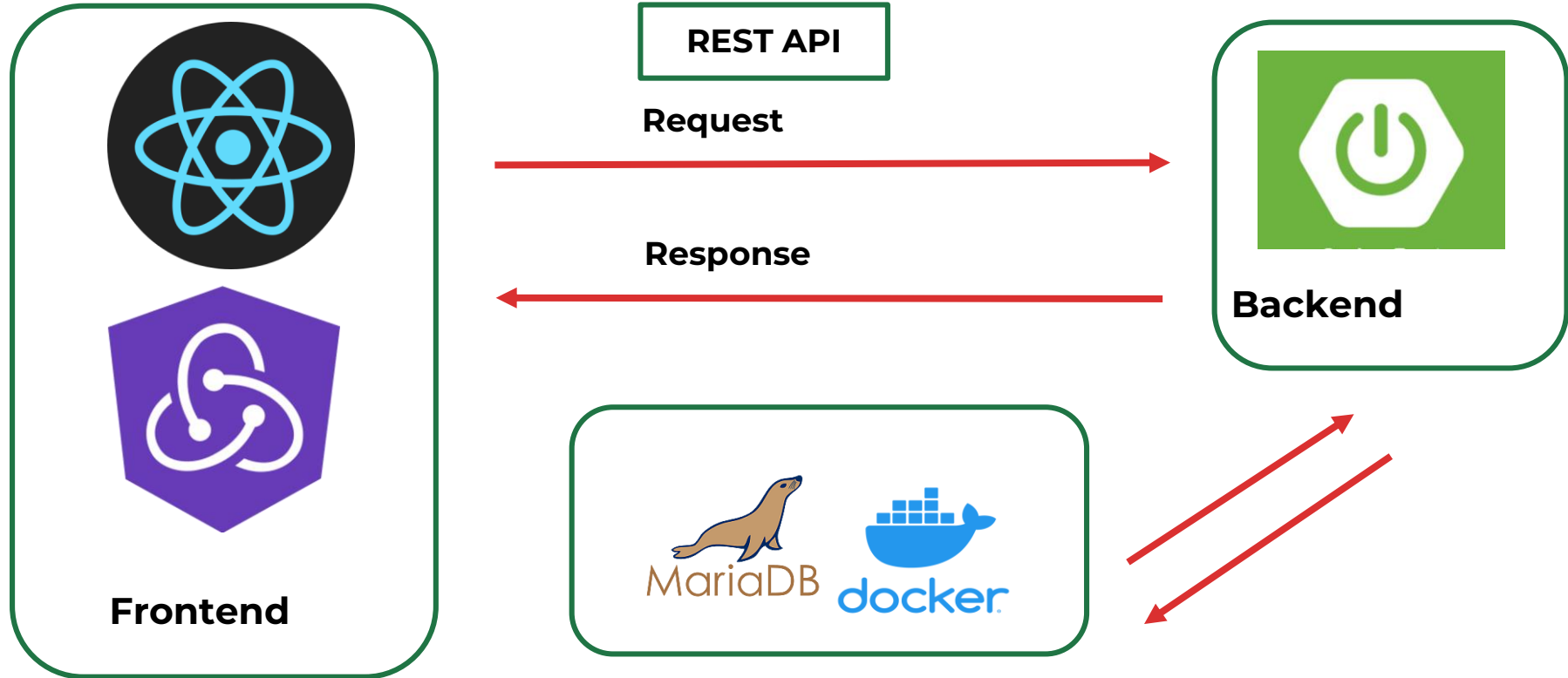
<u>Reg No</u>	Name	Tele No	Address	Owner Id
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Medicine Sales

<u>Med_Name</u>	<u>Pharmacy_Reg_No</u>	Availability	Unit Price
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# Design Architecture







## Important Libraries and Packages used

- Axios - to implement http methods
- Redux - to handle user states and the flow of data
- Router -Dom - to handle routes among pages

## Database Deployment in Docker

The screenshot shows the Docker Desktop application window. The top bar is blue with 'Docker Desktop' and an 'Upgrade plan' button on the left, and a search bar, 'Ctrl+K' shortcut, and 'Sign in' button on the right. The left sidebar contains navigation options: 'Containers' (selected), 'Images', 'Volumes', 'Dev Environments' (marked BETA), 'Extensions' (marked BETA), and 'Add Extensions'. The main area is titled 'Containers' with a 'Give feedback' link. Below the title is a description: 'A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)'. A toggle switch is set to 'Only show running containers'. A search bar is present. Below is a table of containers. The table has columns: NAME, IMAGE, STATUS, PORT(S), STARTED, and ACTIONS. One container is listed: 'MediSearch' with ID '08c5b0d3f27d', image 'mariadb:latest', status 'Running', port '3306:3306', and started '53 seconds ag'.

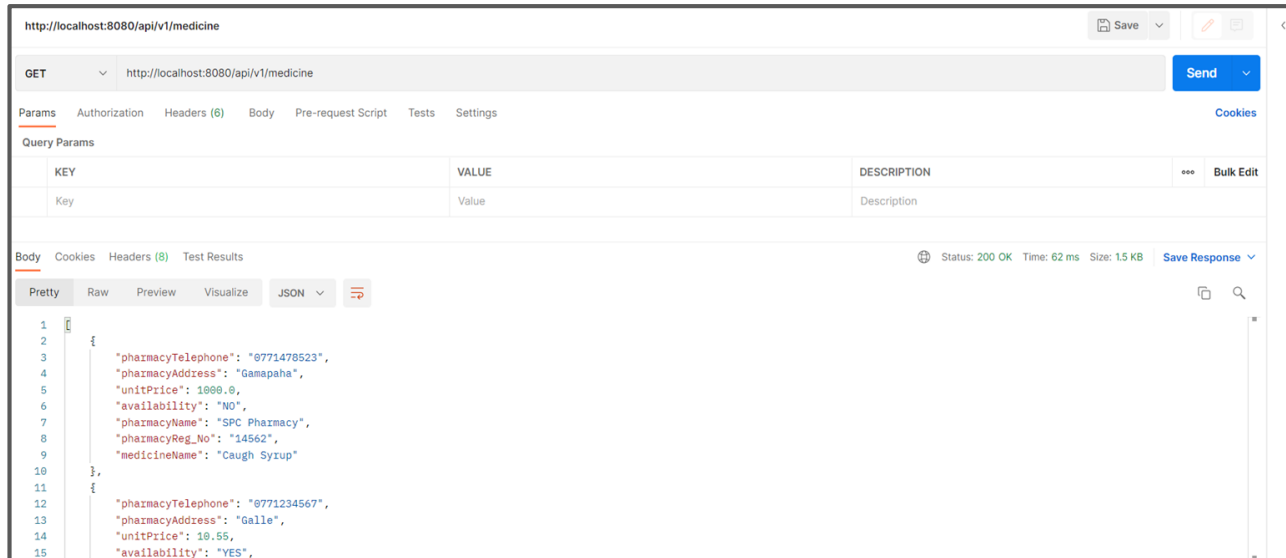
NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
MediSearch 08c5b0d3f27d	<a href="#">mariadb:latest</a>	Running	<a href="#">3306:3306</a>	53 seconds ag	[Stop] [Refresh] [Delete]

# API Testing

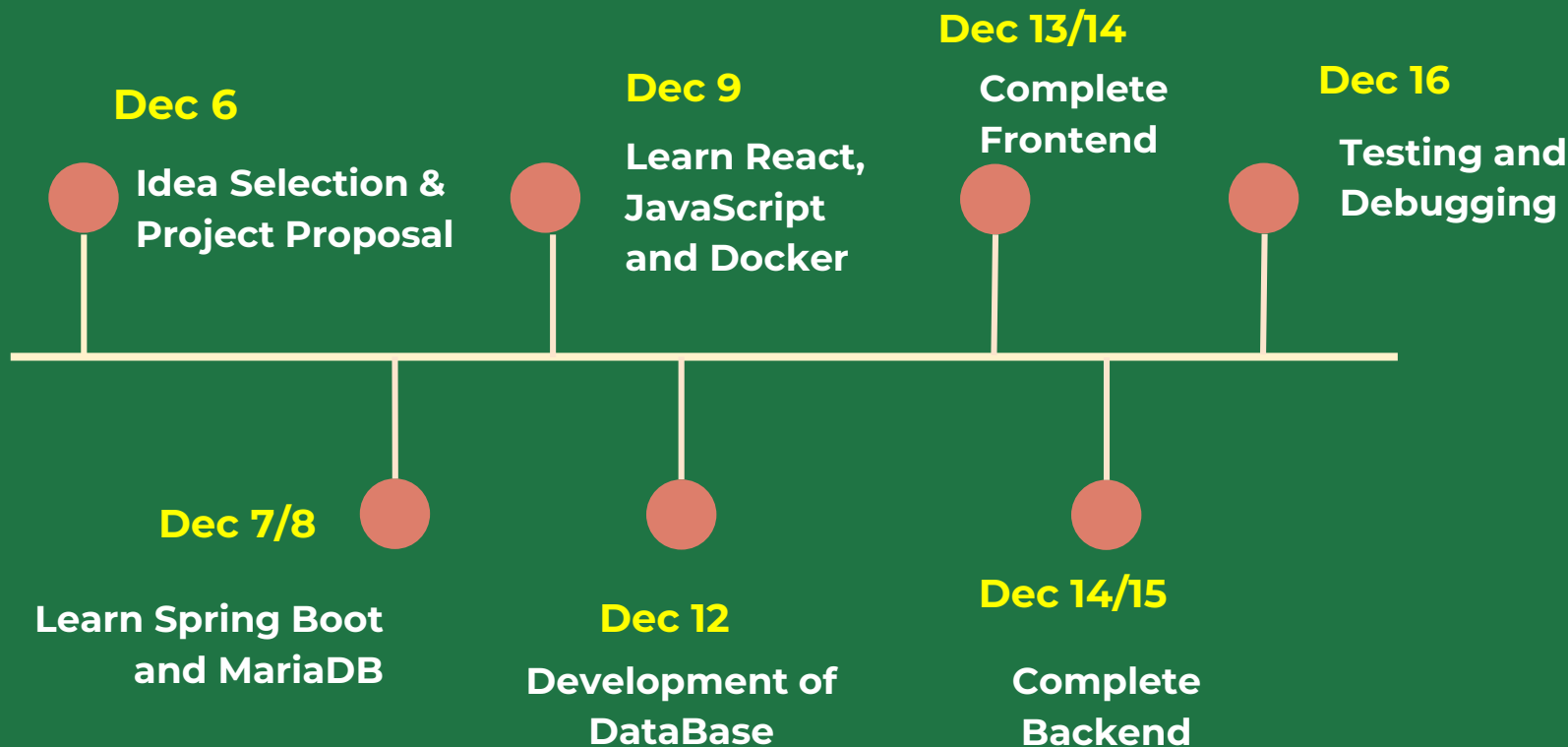


## POSTMAN

- Get the List of Medicine
- Delete Medicine
- Update Medicine
- All available medicine
- Search Medicine
- User Logins



# TIMELINE



# Demonstration

*Thank You!*

