# Project Outline: -

**Medicare is a company that supplies medicines and a couple of other healthcare essentials at an affordable price. It was established in 2012 in Delhi, India. It had been serving fine all these years; however, the business analysts noticed a decline in sales since 2017. They found out that online ordering of medicines with companies, such as 100mg and mfine are gaining more profits by eliminating middlemen from the equation.**

**As a result, the team decided to hire a Full Stack developer to develop a healthcare web application with a rich and user-friendly interface.You are hired as the Full Stack Java developer and are asked to develop the web application. The management team has provided you with the requirements and their business model so that you can easily arrange different components of the application.**

**Data Structures where sorting, Collection, Exception Handling andsearching techniques are used. HTML, Bootstrap, javascript with angluar and CSS is used for Front-End. Mysql, springboot Database is usedforbackendmanagement ofdata.**

# Application capabilities: -

**Product Features:**

1. Medicare application is made specifically to the required business needs. It is completely flexible and scalable to the business demands and growth.

2. The whole application is a Single Page Application that is more efficient in terms of processing and provides a seamless user experience.

3. The application web pages are responsive and secure.

4. The application has one Administrator. The Admin Portal features are:

* The admin can login with username and password in admin portal.
* The admin can add or remove medicine details.
* Edit medicine details like name, price etc., to keep the product information updated with current prices.
* Enable or disable the medicines.

5. The application has a User portal. The User Portal features are:

* Sign up and login with username and password.
* The User can maintain the record of activities.
* Search for products based on the search keyword.
* Apply filters and sort result based on different categories.
* Add the product to cart and customize the purchase at the end.
* Experience a seamless payment experience.
* Receive an order summary once the payment is successful.

# Projectdevelopmentmodel:

*we have used Agile Project Management approach, with 3sprints.*The duration of each sprint is(1weeks).Thetotal deliverytimewouldbe (3 weeks).

**Set Up and Installation (Angular): -**

To run the code, System must be equipped with following.

1. HTML5
2. CSS3
3. Bootstrap5

Angular Front-End

1. VScode(Editor)
2. JavaScript
3. ng server
4. json
5. Git

Database Management

1. MySQL
2. SpringBoot

Backend Management

**Source code management and version control:-**

**As agreed, we use (**Set up) Git and GitHub accountto storeandtrackenhancementsoftheprototype.

# The flow and features of the application:

# Flowchart:

# Admin:

# 

# User:

# 