**DESCRIPTION**

**Project objective:-**

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.

The admin portal deals with all the backend data generation and product information. The admin user should be able to:

* Add or remove medicine details from the application to build a rich product line.
* Edit medicine details like name, price, seller, product description, and offers to keep the product information updated with the current prices.
* Enable or disable a medicine product.

The user portal with the user activities. The end-user should be able to:

* Sign-in to the application to maintain a record of activities.
* Search for products based on the search keyword.
* Apply filters and sort results based on different cuisines to get the best deals.
* Add all the selected food items to the cart and customize the purchase at the end.
* Perform a seamless payment gateway.
* Get an order summary details page once the payment is complete.

**Technologies and Tools Used:-**

* Java: To build the server and handle the core logic of the application.
* Spring: To build the core of the web application following the Model-View-Controller design pattern.
* JDBC: To connect the website to the database.
* Eclipse IDE: To Write the code.
* HTML 5: To make the structure of website.
* CSS 3: To format the contents of the website.
* JavaScript: To handle the presentation of the structure and various elements of the website.
* TypeScript: To handle the logic of the website and ensure consistency of Angular.
* Angular: To beautify and arrange the website’s various components for the end-user.
* MySQL8: To build the database to store, view, and update various data being handled by the website.