**TEAM96: Final Project Proposal**

**Medicines Delivery System: MEDICARE**

**Problem Overview:**

The aim of the project is to design an application for Medicine Delivery System. In today’s era, Medicines getting into the wrong hands has resulted in drug overdoses and drug thefts an investigation by the Company Chemists’ Association has shown. Our system will enable to overcome the stated problems. This application will allow the verified customers to order Medicines or Drugs with appropriate prescriptions only.

This medicine delivery system will be operated by three users: Medical Stores, Customers and Delivery Companies. The customers can select the medicines which they need from the list of medicines available within the store and compare it with different stores. After checking the customer’s prescription, the store manager will confirm the order and select the delivery company to deliver the order. Delivery Company will have the list of orders which they have received from the Medical Stores.

**Key Functionalities:**

* Customer can search from different medical stores which will have list of medicines.
* Customers can edit their information or their current orders.
* Customers can also rank and give feedbacks for the services provided by the delivery man.
* Medical Stores will be able to add or manage the quantity of each medicines they have.
* Medical Stores can accept or cancel the order when they receive an order.
* Medical Store Owners can check or edit employee information and monitor the store business.
* Medical store will select the delivery company which will deliver the order.
* Delivery Company Owners can add or edit employee information and manage customer orders.
* Delivery man can update the status of the order as “Picked Up” once it is left for delivery and set it to “Delivered” once the order is delivered to Customer.

**Proposed Entities:**

* **Customer**: Each Customer will have to register with a Login ID and password which he/she could use to access the system.
* **Orders:** This entity will have all the details about the Customer’s Order details and Personal Information such as Name, Address, Contact Details, etc. It will also have the prescription which will be stored as image.
* **Employees:** The employees in the Medical Stores and Delivery Companies will have different roles such as Boss/Owner, Manager or other staff.
* **Medical Store:** Medical Stores will have the details about the medicines and the employees working in the store.
* **Delivery Company:** This entity will have all the information of the orders placed by Customers and the details of the employees.

**Ecosystem Architecture:**

