Through this application, customers will be able to request service orders online, for the delivery of medicines or health services, from the comfort of their home or mobile.

This development must have:

1. Database of the client's employees, to generate credentials (Name, Last Name, Address, Id Number, Phone, Mobile Phone, Mail). File to be delivered.

2. Inventory of medicines with their information (Laboratory, Name, Characteristic, Price, etc.). E: Kirkland, Naproxen Sodium, 220mg, 400 Tablets). File to be submitted

3. Types of service (Pharmacy, Ambulance, Funeral Home, Telemedicine) When selecting the type of service the associated fields are released. For Pharmacy the records to be released are the inventory of item 2.

4. Service orders must have a status, as explained below. For each medicine you must select the quantity, show its unit price and its total price (Units x Price). Several medicines can be selected.

5. The App must have Access Roles. The Roles are:

Affiliate: Employee who initiates the request. Can only fill out the form and save the request. Saving changes the status to Processing.

Medical Staff: Doctors of the pharmacy. They analyze that the information uploaded (diagnosis, medicine, treatment time) is in accordance. Changes the status to Authorized.

Technical Staff: Pharmacy staff. Receives the authorized order, locates the medicines and contacts the member to pick them up. Changes status to Processed.

Service Coordinator: Client's employees with users to register and consult the order history. Can do the steps of the Affiliate and Technical Staff.

6. The reports are:

Service Orders: Member Data, Diagnosis, Symptoms, Observations, Medicine Selection, Quantity, Unit Price, Total Price, Total Order.

Order History: Summary in detail of the orders: Name, Last Name, Address, Phone, Mobile, Mail, Medicine, Quantity, Unit Price, Total Price (P*Q).

List of Employees

List of Medications

7. Within the application you must have the location of each pharmacy.

8. The home of each user must have a dashboard of the orders:

Homepage Employee: Can only be the consumed by in your account, tracking.

Medical Homepage: View order indicators: quantity by status, by status, amount approved, amount pending approval, most used medicine, average price.

Technician Homepage: View order indicators: quantity by status, by status, amount approved, amount pending approval, most used medicine, average price.

Service Coordinator Homepage: View order indicators: quantity by status, by status, amount approved, amount pending approval, most used medicine, average price.

The Service Order can be processed by the employee or the service coordinator (You must record which user performed the registration. After registering the service order, it should have 5 statuses, ranging from registration to consumption of the service:

1. **Processing:** When the request is registered, it will have this status. The user must log in to enter the app. He/she must fill out the application form. He/she must select or search in the list of services (Pharmacy, Ambulance, Funeral Home, Telemedicine) the type of pharmacy, where in another list he/she must search for the medicine. This list is provided by the pharmacy with brand, dosage and price.

2. **Analysis:** The pharmacy's medical staff will review the order, the diagnosis and the treatment requested, and then authorize or deny it. The medical staff may approve or reject the order. If the order is denied, it remains with Status: rejected, if the order is authorized it changes to Status 3.

3. **Authorized:** The pharmacy sales staff reviews the status of the orders, only sees the orders, can only work on "Authorized" orders, looks for the medicines described in the order and prepares them for delivery. Communicates with the employee so that he/she can pick them up. Orders with this status cannot be modified.

 4. **Processed:** The order after being withdrawn by the customer, will have no further movement.

5. **Canceled:** When the Medial Staff don't Approved the order.

Note: All orders must be identified with a unique service number.

Note: All authorizations must generate a service key.

Note: Each Order must have a price, which is the sum of each medicine.

Note: Each client's employee per month has a configurable amount of consumption. This field validates that the sum of the value of the medicines is not exceeded in the order.

Mount Max: 10$ = None order should be upper this amount.