



# Technical Scope Document for REMEDI

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GROUP ALPHA

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# **1. Business Requirements & Technical Scope**

## **1.1. Background**

Medical attention is needed every time of the day and the never-ending need for assistance is increasing. Emergency wait times are getting longer as times go by because of the impact of Coronavirus and so on and this sometimes causes chaos and uncertainty for people who need immediate help. With the prevalence of technology, our project has the potential to lower wait times, decrease death rates, and create solutions for both patients and medical personnel.

The purpose of this project is to allow people who may be in need of medical attention, to not only receive aid in a timely and convenient manner but also for people to have a solid system at hand to monitor and manage their health more effectively.

## **1.2. Technical Objectives**

The culmination of the project will result in a digital medical facility reflecting the current medical assistance, meeting the needs of multiple users.

Our patient-oriented system will support the maintenance of accurate patient data and medication records and will facilitate fiscal and performance accountability processes while maximizing the usefulness and accessibility of data.

We want to increase the availability of medical assistance and supplies and offer quick and effective medical solutions for those in need of them.

Adopt a proven, integrated, and reliable information management system that supports improved institutional practices and facilitates data integrity and decision support.

Provide technological tools for medical staff to perform their jobs in an effective and efficient manner.

Allow flexible access to administrative and medical data to satisfy regulatory and institutional analysis needs.

Allow access to historical data for efficient reporting to better understand the patients and the institutions.

Produce and maintain documentation to ensure continuity of processes.

### **1.3. Customer Requirements**

Our service is going to be more affordable than other applications making it very affordable for users who need such powerful software without having to pay an exuberant amount of money.

Our project will ensure a user-friendly application to make it easier for people to navigate through the application and ensure they have little to no difficulty traversing the services on the application.

Users will be able to create and configure their own personal accounts with their current and past medication history, identifying information such as name, age, place of residence, and bodily information height, weight, sex, etc.

Users will be able to receive notifications and alerts, reminding them of upcoming medication refills and medication usage. It will notify a trusted person by the user to receive text messages if the user needs a medication refill.

Users will be able to locate nearby pharmaceuticals within the application.

Health officials and administrators should have some type of access to a client's health profile, essential for primary care appointments, etc.

## **2. Scope and Limitations**

### **2.1. Scope**

REMEDI is designed to be a humanitarian application with a focus on providing health-based service for the end-user. We chose to make this a humanitarian project because we at READY MEDICINE sympathize with people who struggle with illnesses and often have to take multiple drugs to deal with their health.

We wanted to do right by those who suffer from illnesses of many kinds and require medical aid. By creating REMEDI, we can take the stress off this crowd of people's shoulders and really simplify the way they monitor their health.

We will achieve this goal by providing medicational tracking, health reminders, and the ability to track patient medication history within the application. REMEDI aims to generate revenue through a subscription-based service where users will pay a monthly fee of \$3.00 to have access to the application functions. This will overall aid those in need to really bridge the gap between patients and their respective primary care officials.

### **2.2. Limitations and Exclusions**

REMEDI is not the end-all-be-all for all medical and health-related needs for the user. It has boundaries that will be clearly laid out in this section.

Firstly, REMEDI will be unable to recommend any additional medication refills besides the one the user inputs and labels as refillable medication. Nor will REMEDI have any self-diagnosing capabilities; users will not be able to rely on the application to self-diagnose if it is out of the application's limits. It is not made to replace a health physician. It is a mobile application that has the main goal of reminding users of medication times and possible refills. It will not replace doctors and medical professionals and will never be developed with that in mind. REMEDI will not be deeply integrated into the pharmaceutical industry. As stated previously its main goal is to be a reminder mobile application. It will be able to show users pharmacies within their area that hold medication that they need to be refilled, but REMEDI will not be able to place a visit to the store for refills. That is out of our range with this application. Furthermore, REMEDI will not be able to guide users to pharmaceutical stores. It is going to be built around one main principle and we will keep that at the core of the application.