Operation Susrutha

Author/Founder: [Abhiram Kalluru](#)

Introduction

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Susruta *(English :* **Susruta** *) is a surgeon and lecturer in Ayurveda . BC A 6th century saint, he was born in Varanasi .* [1] *His most famous work is the Sushruta Samhita written in Vedic Sanskrit.* [1] *Diseases and their remedies are extensively written in this* **Sushruta Samhita** *.* [1] *How many other countries in the world have successfully performed surgery in India before the eyes Apara Dhanvantari Shushrutu who saved lives.*

Operation Susrutha is to help fight any health related issues in India by taking advantage of "*digital adoption"* effectively & efficiently.

Goals/Objectives

Destroying the boundaries through technology to get the best medical care available anywhere in the world, i.e., finding the right hospital with good testing equipment, doctor & establishing a proper communication channel (Email/Text/Video call etc...). Following are some short, medium & long term goals:

Short Term Goals

1. Initiate improving the existing process of fighting CoVid19 from Hyderabad & Vijayawada in the next 3 months.

Medium Term Goals

1. Initiate improving the existing process of fighting from Telangana & Andhra Pradesh by Jan 1, 2021 - Feb 31, 2021

Long Term Goals

1. Eradicate or reduce the fear of CoVid19 in India by June 2021.
2. Create a world class app that destroys physical boundaries at village/city/state/country level to get the best available health care.
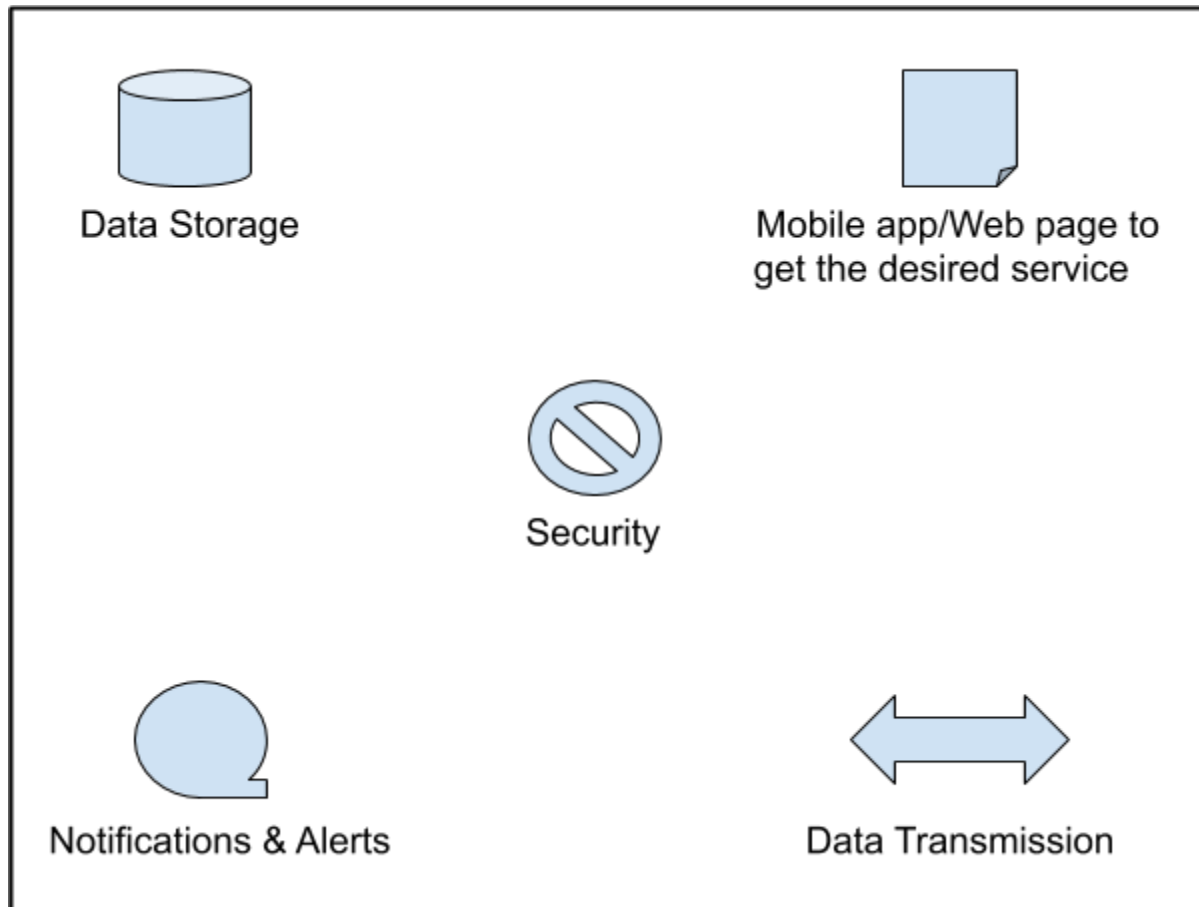
Functional Requirements

Design a highly scalable & effective app that will help with various medical care needs. Following are some of the features that should be present in this app:

1. A searchable page/view with basics of CoVid19, i.e., what are known facts with a proof of research or reference links & what are the misconceptions in the society in an easily consumable manner, i.e., brief, precise & to the point.

2. Ability to search for which hospital may be the best possible place where beds & medical care would be available.
   a. Starting with for CoVid19
      i. Testing
      ii. Treatment

3. A way of connecting with remote doctors from various countries in the world through Email/Text/Video Call.
   a. Under this subtree there will be a portal to update the patient's condition:
      i. Current symptoms
      ii. Health history
      iii. Medication/Steps followed so far

Design Requirements

Majority of the apps would contain following modules or functional pieces:

Data Storage

Mobile app/Web page to get the desired service

Security

Notifications & Alerts

Data Transmission

There will be some guidelines that need to be followed from health regulations, app development, how apps will be used & etc… Along with following guidelines there needs to be a feedback loop/system to improve/maintain the effectiveness & ease of use.