

AN INTERGRATED COVID MEDICAL ASSISTANCE

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ABSTRACT

The Project titled “AN INTEGRATED COVID MEDICAL ASSISTANCE” deals with the development of the mobile based medical assistance system for Covid affected and it also act as a security means to overcome them. It includes all the activities which are involved in the process of most valuable covid overcome, prevention, self covid test, blood donation process. This project covers various activities that are been carried out at the covid treatment zones and various sample collecting points. There are large numbers of covid patients get satisfied by the most generous blood, oxygen donors. In the existing system there is no proper connecting mechanism between the covid patients and the front line covid response teams like doctors, public health personnel's. All the data are collected manually. This proposed system is aimed to connect the covid patients and medical even faster and avoid the loss of life due to lack of life. This project is mobile based, which can be accessed by the entire person at anytime and anywhere. It uses ANDROID as its front end and SQLITE as its back end. It consists of the following modules as its components.

1. INTRODUCTION

1.1 OVERVIEW OF THE PROJECT

The oxygen is an essential thing to save most valuable human life. There is large number of patients get satisfied by the most generous oxygen donors. In the existing system there is no proper connecting mechanism between the oxygen donor and the needy person. All the data are collected manually. This proposed system is aimed to connect the oxygen donor and needy even faster and avoid the loss of life due to lack of oxygen. This project is mobile based, which can be accessed by all the person at anytime and anywhere. It consists of the following modules as its components. This android mobile based application consists of the following modules which are vital for optimizing a oxygen bank.

Admin Module:-

This module enables all the users of the system to login into the system to access the details. **Oxygen Cylinder Provider Module:-**

This module allows the oxygen donating persons to register themselves by providing their details which can be accessed by the needed person.

Oxygen Cylinder Request Module:

It is the most important module of the system which enables the general public who are in need of the oxygen can provide their requests.

Oxygen Provider Search Module: It is used to search the oxygen donor details based on the oxygen, location and availability Criteria.

Report Module:

This module enables users of the system to access all the necessary reports.

covers various activities that are been carried out at the covid treatment zones and various sample collecting points.

3. ADVANTAGES OF PROPOSED SYSTEM

- The required information can be secured easily.
- Time will not be wasted in the repeated process.
- Covid Affected patients can be treated well.
- It is less expensive and faster task to take Covid Test.
- Prevents the loss of most valuable human life.
- Proper Monitoring Mechanism for Quarantined Zones.
- Oxygen Cylinder Suppliers details Can be accessed easily.
- Oxygen Necessary can be served Speedily.
- Prevents Loss of Vital Data.

2. OBJECTIVE OF THE PROJECT

The objective of this project is to create a mobile application which enables the general public and medical personnel's to manage the covid like pandemic efficiently. The Project deals with the development of the mobile based medical assistance system for Covid affected and it also act as a security means to overcome them. It includes all the activities which are involved in the process of most valuable covid overcome, prevention, self covid test, oxygen donation process. This project

3. PROPOSED SYSTEM

This proposed system is aimed to connect the covid patients and medical even faster and avoid the loss of life due to lack of life. This project is online based, which can be accessed by the entire person at anytime and anywhere. It includes all the activities which are involved in the process of most valuable covid overcome, prevention, self covid test, oxygen donation process. This project covers various activities that are been carried out at the covid treatment zones and various sample collecting points.

4. SAMPLE SCREENSHOTS

Fig: 1 login



Fig:2 Home page



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