



Wellness Forever (Mobile app)

Project Guide - Prof. Suja Jayachandran

1. Bhumi Avhad – 20102B2002
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Introduction

The primary focus after a disaster is on helping people who sustained injuries or are at risk of health complications but damaged or destroyed medical facilities prevent timely access to emergency medical care — and that's just one of the health challenges.

Wellness Forever is a mobile application which helps the needy people to get the resources available on time and a trustworthy platform for those who are willing to help the people .



Problem Definition

- ❑ When a natural disaster happens , many communication failures lead to resources not being delivered to the location even when they were available. People are not able to get the essential resources like food, water, clothes, medical care ,etc.
- ❑ During the pandemic many fake NGO's and foundations scammed people into donating money resulting into many frauds.



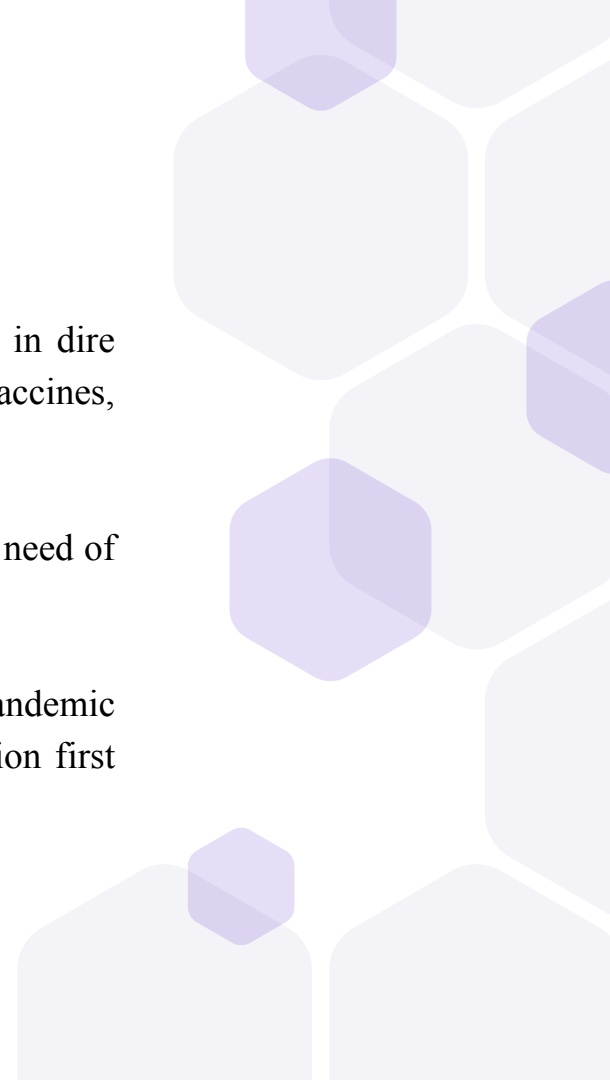


Proposed System

The ultimate aim is to develop a gateway between volunteers and people in dire need of help. These resources can be anything like food, oxygen, beds, vaccines, clothes, emergency car services etc.

Donors will be able to upload any resources they want to share and those in need of help will be notified about the resource and the location of the donor.

This app also aims to provide necessary information about world-wide pandemic and remove many myths which surround the topic. Helping hand application first and foremost aims to raise awareness about volunteer activities.





Literature Review

- Global resource shortages during COVID-19

Published in - July 6, 2020

Published by - Abdallah M. Samy, Faculty of Science, Ain Shams University (ASU), Egypt.

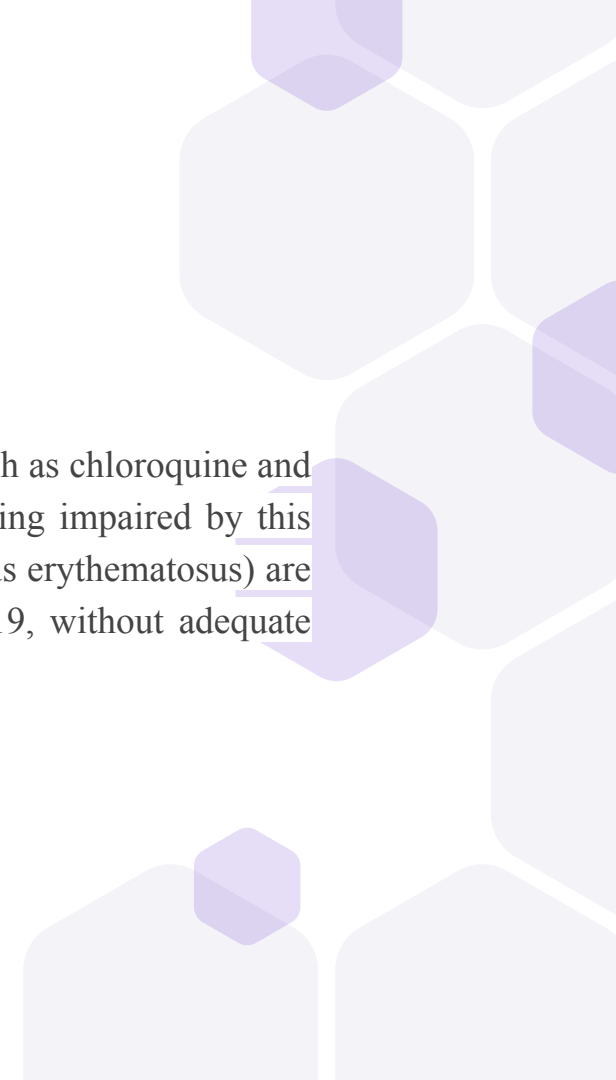
Objective - An important part of addressing the COVID-19 pandemic is adequate testing at the community level. In addition to current shortages of COVID-19 testing globally, the ability to offer COVID-19 testing will likely be further constrained in low-income countries due to already limited diagnostic capacity.

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- COVID-19 and risks to the supply and quality of tests, drugs and vaccines.

Published in - April 9, 2020

Published by - Paul Newton, Katherine Bond.

Objective - Production and supply chains for COVID-19 candidate drugs (such as chloroquine and hydroxychloroquine), and for many other essential medical products, are being impaired by this crisis.¹ Supply chains for vital drugs for other diseases (such as systemic lupus erythematosus) are being disrupted because they are being repurposed to use against COVID-19, without adequate supporting evidence.





Requirements

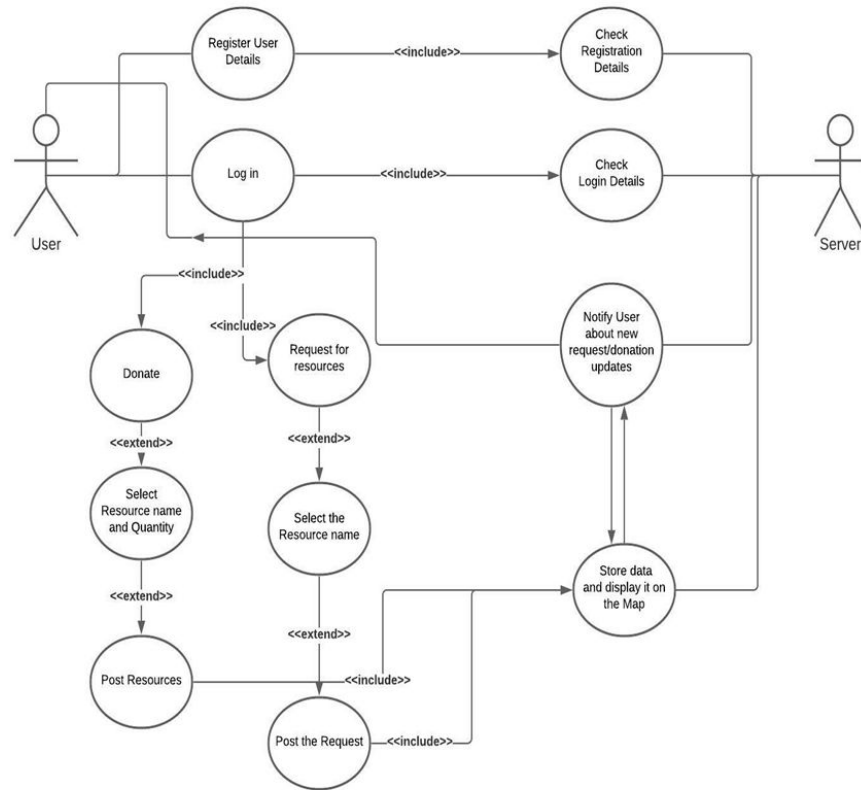
- ❑ Language implemented : Kotlin, Xml, java
- ❑ Software used : Android studio
- ❑ Hardware : Windows 8/10/11. 32/64 bit
Ram: 4gb minimum
- ❑ Libraries Imported: Glide , Retrofit
- ❑ APIs : Sawo labs api, Gmaps api, Code scanner api



DFD



Level 0



Proposed System Architecture

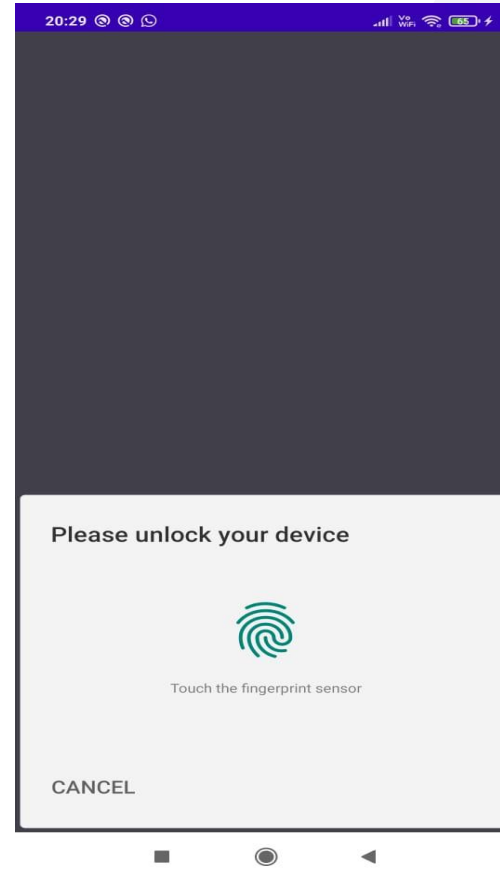
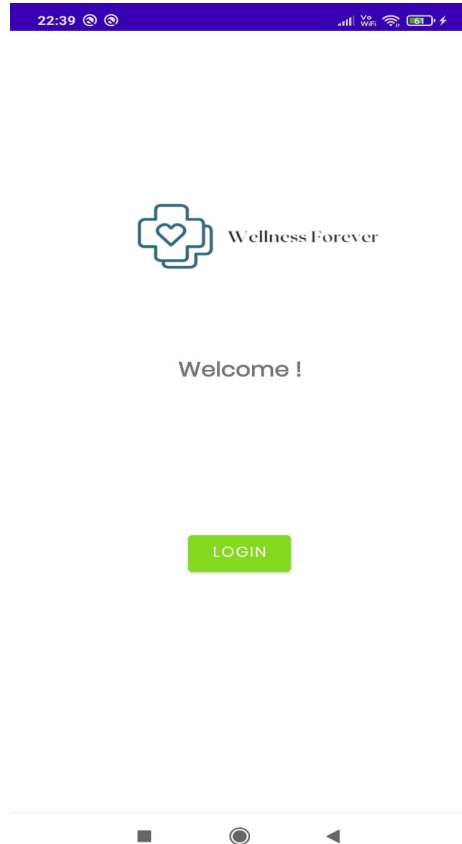


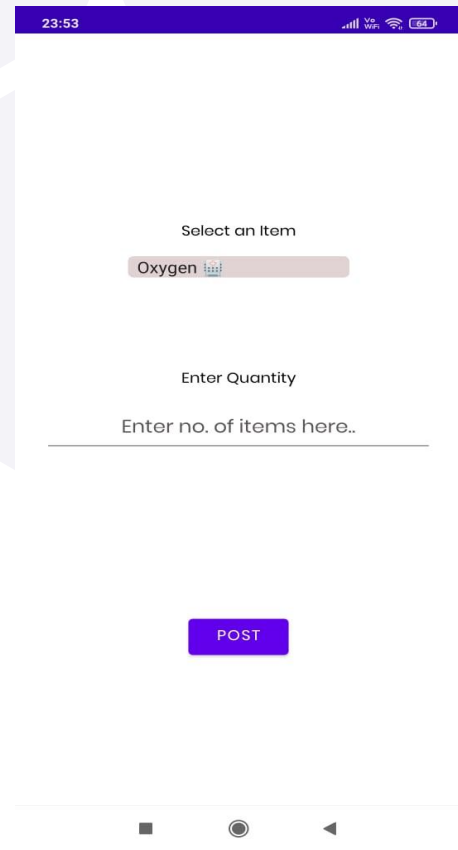
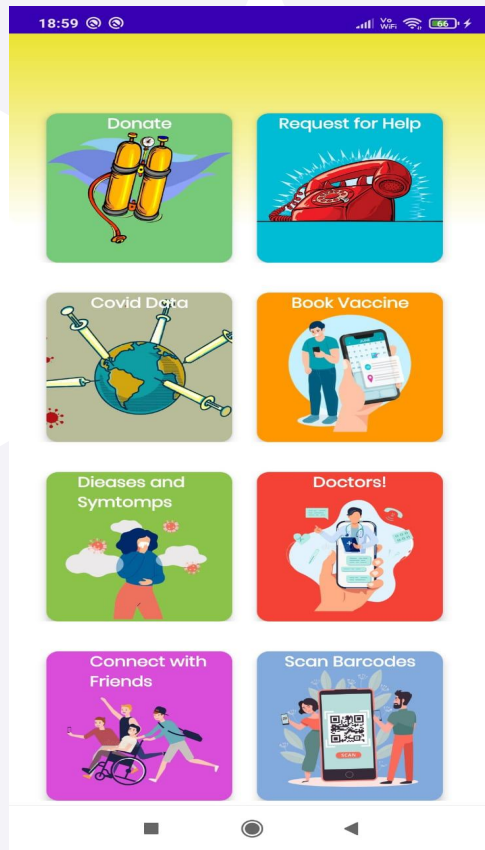
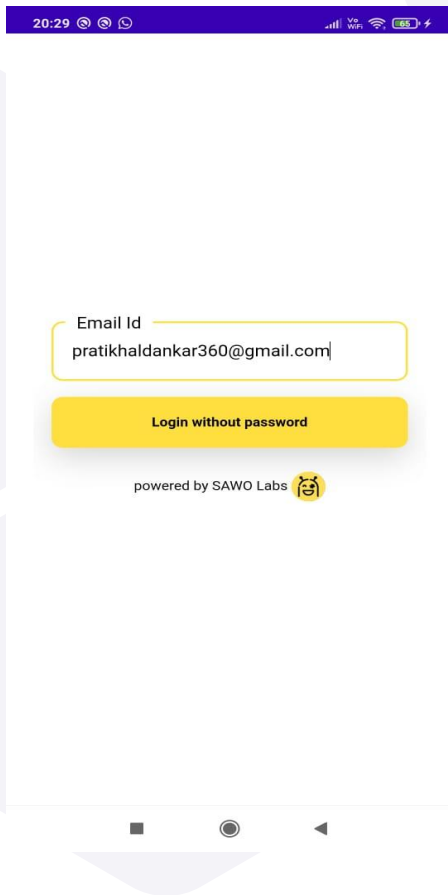
Future Scope

- ❏ The application can be expanded to further make appointments with the medical professionals.
- ❏ We are planning to add payment gateway for donation of economical resources.
- ❏ Social feed to connect patients registered on the app.

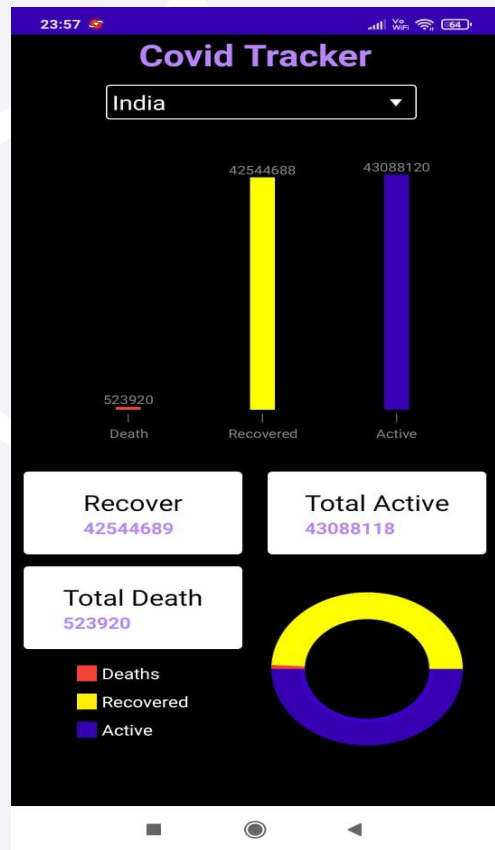


Result





Results



23:59

selfregistration.cowin.gov.in

Ministry of Health and Family Welfare

English

COWIN
Winning Over Covid-19

Register or Sign In for Vaccination

An OTP will be sent to your mobile number for verification

Enter your mobile number

GET OTP

By Sign In/Registration, I agree to the Terms of Service and Privacy Policy

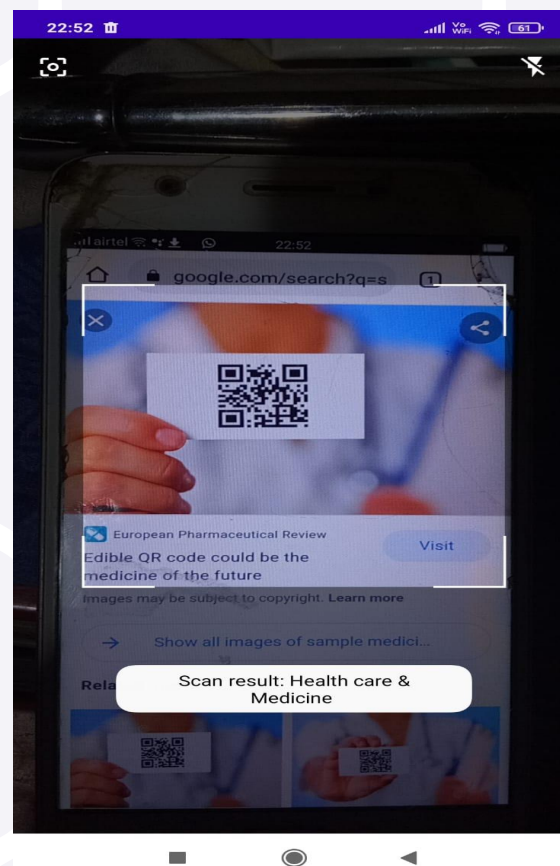
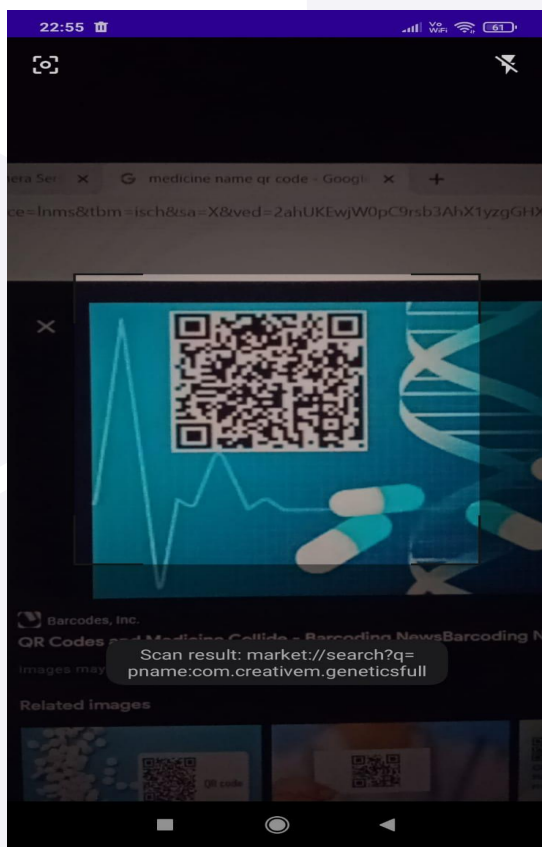
OR BOOK AN APPOINTMENT USING

Aarogya Setu

UMANG THE SPOT OF NEW INDIA

VACCINATION SERVICES PLATFORMS

Results



Results

23:32



ruth346@gmail.com

10 mins ago



when its your final day at the hospttal!

sara23@gmail.com

2 hrs ago



23:32



me_ruth@gmail.com

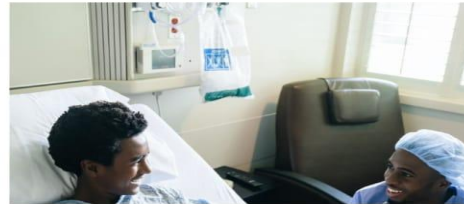
Yesterday



thanks a lot mrs olsen and the hospital for taking such a good care of me

elizabeth12@gmail.com

5 hrs ago



Results

23:32



big surgery today! but not at all scared of anything!!

mike64@gmail.com

5 mins ago



bunch of happy faces

23:32

sara23@gmail.com

2 hrs ago



celebrating patients day in the hospital!

me_ruth@gmail.com

Yesterday



Results



REFERENCES

- Global resource shortages during COVID-19
<https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0008412>
- COVID-19 and risks to the supply and quality of tests, drugs and vaccines.
[https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(20\)30136-4/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30136-4/fulltext)
- <https://developer.ibm.com/callforcode/blogs/health-care-challenges-during-and-after-a-natural-disaster/>

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Thank you !!