Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

Sharad Institute of Technology
College of Engineering, Yadrav (Ichalkaranji)

An Autonomous Institute

Department of Computer Science & Engineering

A

Mini Project Report

On

GEO-LOCATION BASED MEDICAL EMERGENCY SERVICE

SUBMITTED BY

Roll No.	Student Name
33	OMKAR SURYAKANT KUMBHAR
34	HARSHWARDHAN SIDDHESHWAR RAJAPURE
35	OMKAR SANJEEVKUMAR PATIL
37	PRATHAMESH PRABHAKAR CHOUGULE

Under the Guidance of

Ms.S.B.Ghatte

Department of Computer Science & Engineering,

Sharad Institute of Technology College of Engineering, Yadrav-Ichalkaranji

2022-23

Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

Sharad Institute of Technology College of Engineering

Yadrav (Ichalkaranji) - 416121

An Autonomous Institute

(Approved by AICTE, New Delhi, Recognized by Government of Maharashtra & Affiliated to Dr. Babasaheb Ambedkar Technological University)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

This is to certify that,

Kumbhar Omkar Suryakant	(33)
Rajapure Harshwardhan Siddheshwar	(34)
Patil Omkar Sanjeevkumar	(35)
Chougule Prathamesh Prabhakar	(37)

Studying in TY Computer Science has successfully completed the Mini Project entitled **"GEO-LOCATION BASED MEDICAL EMERGENCY SERVICE"** under the guidance and supervision of Ms.S.B.Ghatte during the academic year 2022-23 Semester V. This is a part of partial fulfillment of the requirement for award of degree of the Bachelor of Technology in Electrical Engineering.

Ms. S. B. Ghatte
Guide,
Dept. of Computer Science Engineering
SITCOE

Dr. PUSHPENDER SARAO
Head,
Dept. of Computer Science Engineering
SITCOE

ACKNOWLEDGEMENT

We would like to express our deep and sincere gratitude to our Guide **Ms.S.B.Ghatte**, Department of Electrical Engineering, for guiding us to accomplish this project work. It was our privilege and pleasure to work under her valuable guidance. We are indeed grateful to her for providing helpful suggestion, from time to time. Due to her constant encouragement and inspiration we are able to present this project.

We express our deep gratitude to **Dr.Pushpender Sarao**,Head of Computer Science Engineering Department, for his valuable guidance and constant encouragement.

We are very much thankful to **Dr. S. A. Khot**, Principal, Sharad Institute of Technology College of Engineering, Yadrav-Ichalkaranji, for providing all the necessary facilities to carry out project work.

Last but not least we are thankful to our parents for their moral as well as financial support.

ABSTRACT

- Medical emergencies arise at anytime and anywhere. This technology can be used in order to provide healthcare services, which helps a patient to find proper treatment on time and is deployed on a mobile device having an Android-based platform which is conveniently used and carried that works with the help of GPS system.
- In this location-based system, The registered relatives get informed suddenly and the location is sent to them, so they can easily reach to the person.
- The user can register and in case of an emergency user will set the location enable the user needs to give basic information for registration in an emergency.
- The user can register and login into the application, On the dashboard, the user will get various options, where the user can change registered numbers, and also change the details.

INDEX

INTRODUCTION

- Medical emergency's are the most unexpected things in human life. The persons who having minor dieses like BP ,Low/high Sugar are unable to do some things alone. If something happen with them then urgent help is required.
- So we are trying to create an Andriod Apk which will send message to the number for help suddenly by clicking the button on screen.
- The user can register and login into the application on the dashboard, the user will add contact number for sending message
- That will helpful for the persons to go alone anywhere ,if they fill not good then they call message the friends or relative for help so they get help earlier.
- By using this app user don't need tom wait for someone who will come and see him and call for help .

• Literature Review

A literature search was conducted up to the end of April 2011 using MEDLINE, EMBASE, The Cochrane Library, EBM Reviews, Healthstar and Web of Science databases, using the following search terms: Emergency Medicine, Emergency Medicine Services, Education Training Residency Programs, Emergency Medical Systems and Medical Education, without limitation to income countries as outlined in the World Bank World Trade Indicators classification 2009-2010 (World Trade Indicators Country Classification by Region and Income, July 2009-July 2010). As the intent of the review was to identify and critically evaluate the literature readily available (published) to LMICs developing EM programs, the gray literature was not searched.

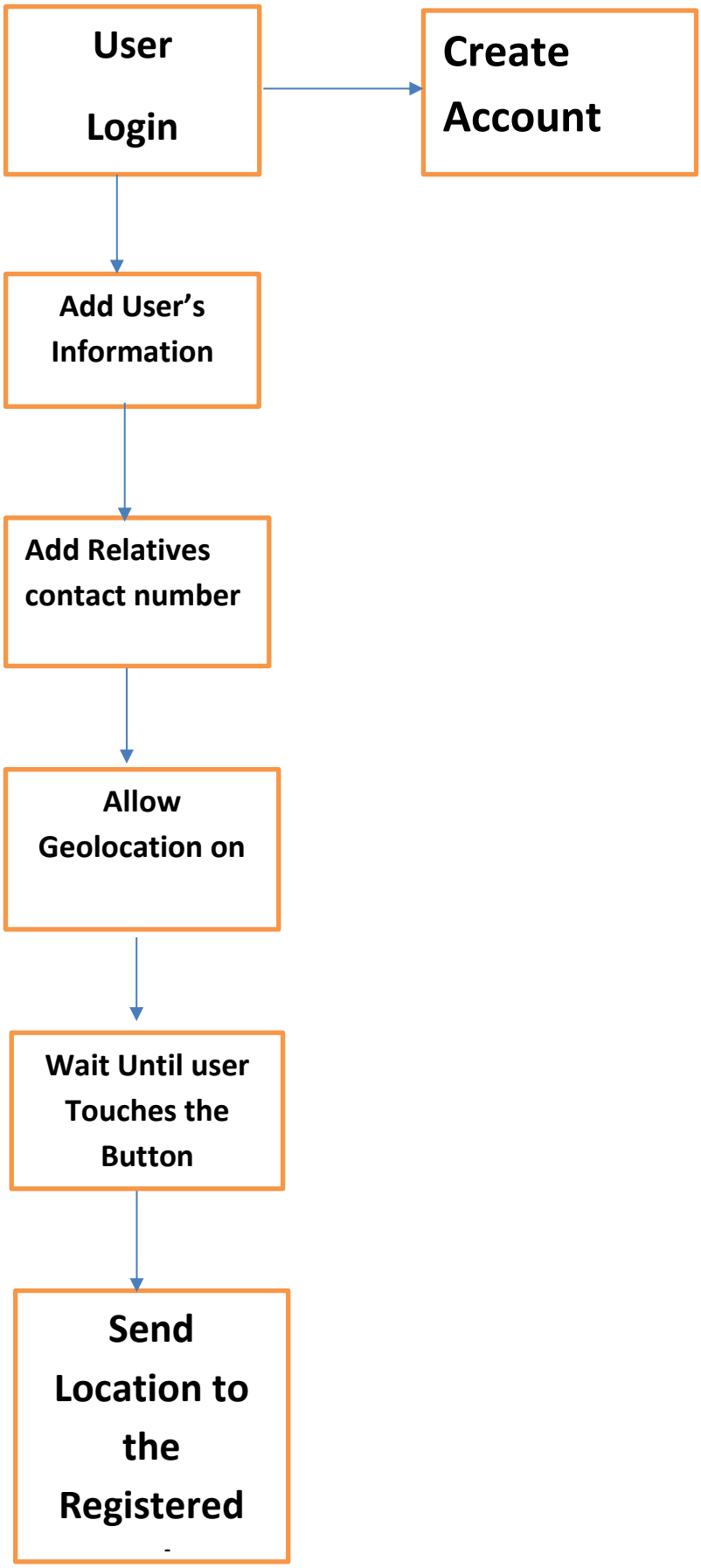
- # OBJECTIVE

- In emergency user can call for help.
- Selected persons can come faster for help or they can inform the nearest hospital.

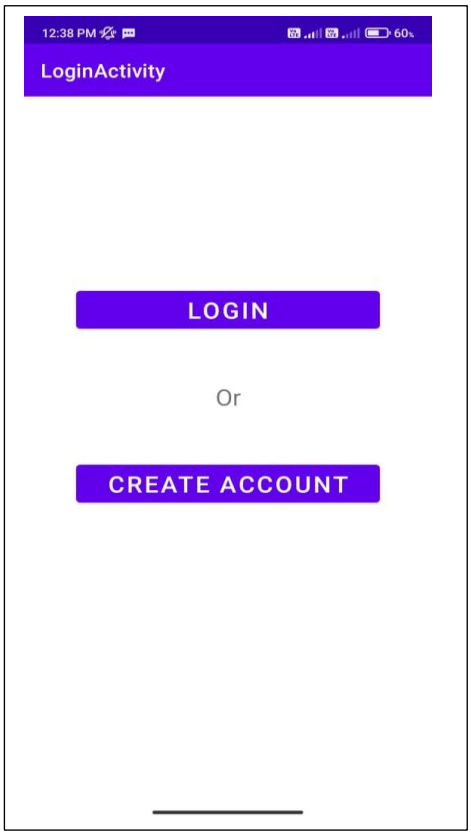
- # PROBLEM STAEMENT

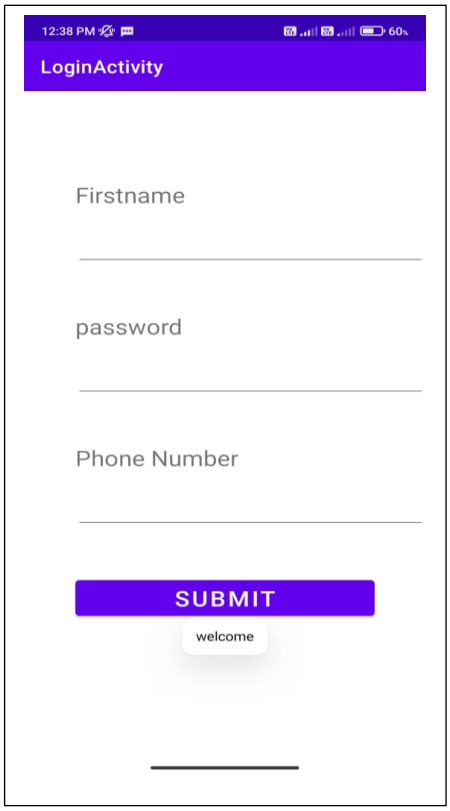
- To provide help services, which helps a patient to get a proper treatment on time by informing their relatives or friends.

- **Flowchart**

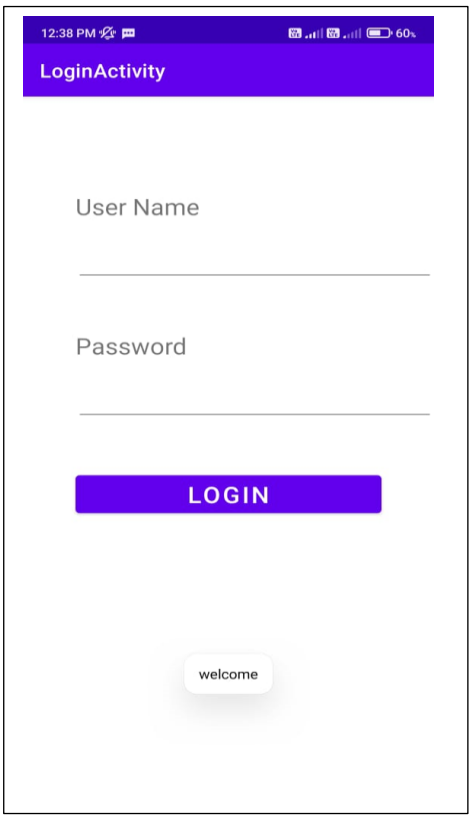

User Login
Create Account
Add User's Information
Add Relatives contact number
Allow Geolocation on
Wait Until user Touches the Button
Send Location to the Registered

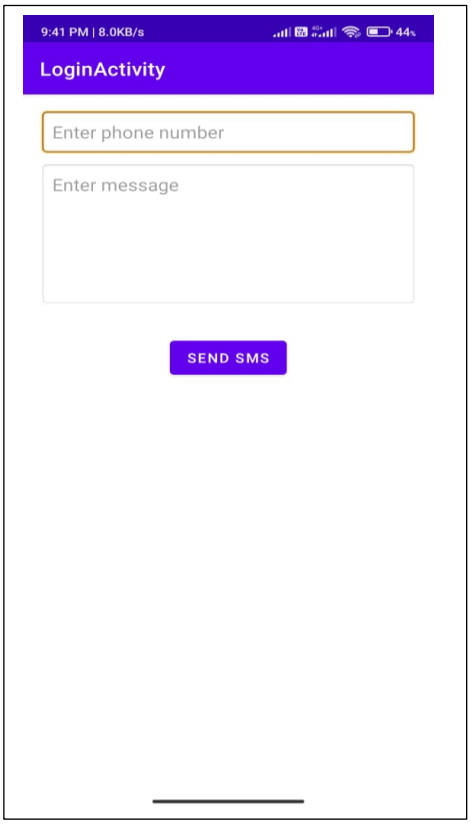
- **Snapshots**


12:38 PM
LoginActivity
LOGIN
Or
CREATE ACCOUNT


12:38 PM
LoginActivity
Firstname
password
Phone Number
SUBMIT
welcome

- **Snapshots**


12:38 PM
60%
LoginActivity
User Name
Password
LOGIN
welcome


9:41 PM | 8.0KB/s
44%
LoginActivity
Enter phone number
Enter message
SEND SMS

- **Snapshots**


9:45 PM | 3.9KB/s
+919075680364
India
11-16 8:54 PM
i need help
Text message

- REFERENCES

- https://youtu.be/sOJRJtM_iu0
- https://youtu.be/oHWA23PRNmY

• Future Scope

- Adding IOT features
- Medical services
- Ambulance service

• CONCLUSION

- We created an Android App which send text message to given mobile number.