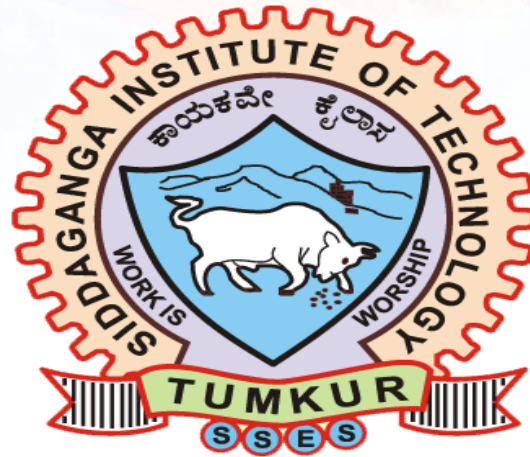




# Siddaganga Institute of Technology

Affiliated to Visveswaraya Technology University, Belagavi



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**PROJECT TITLE: LIFE SAVER APP**

**Under the Guidance of:  
Bandenawaz Bagwan**



# **LIFE SAVER APP**

**PROJECT MEMBERS:**  
**SHIVAKUMAR N V (CSE)**  
**SIDDESH M G (CSE)**



A lifebuoy with a globe in the center, floating on blue water. The lifebuoy is red and white, and the globe shows the Americas. The background is a light blue gradient with a subtle water texture.

# CONTENTS

- Abstract.
- Introduction.
- Objective.
- Tools used.
- Usage of particular tool in the App.
- Applications.
- Conclusion.



# ABSTRACT

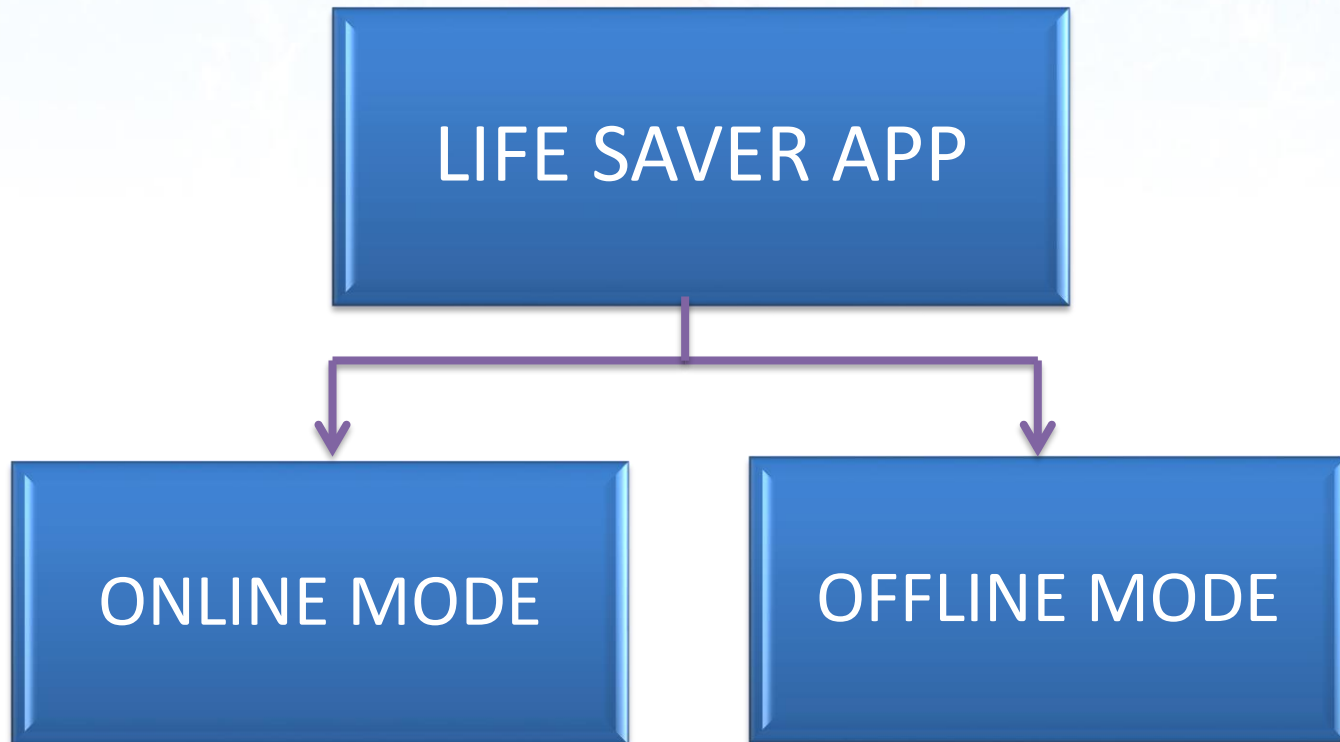
Many times we may come across the emergency situations, where emergency guide can help us, but due to network problems one may not be able to communicate regarding what to do at that situation.

In this application we are providing a simplified user friendly guide to the user in both online and offline modes.

We provide user authentication feature for personalized guide. Person in emergency can send his location in native SMS app



# INTRODUCTION





# **OBJECTIVE**

The main objective of the app is to provide instant guide to the user at the time of his emergency by providing both online and offline modes by providing the instant messaging and calling option for the user in one click.





# TOOLS USED IN THE APPLICATION

- Fire Base.
- Expandable List View.
- Search Tool Bar.
- Card View.
- Recycler View.
- Navigation drawer.
- Web View (online mode).
- Push Notification.
- Real time disease alert.

# EXPANDABLE LIST VIEW

- By using expandable list view the user can select the situation required.
- It has two fields:
  - 1.Header -
    - a. Internal health issues
    - b. external conditions
  - 2.Child -  
contains fields with respect to header





# SEARCH BAR

- Search tool bar is added above expandable list view.
- Search Bar helps user to select one among many fields in child field in expandable list view.





# APP VIEW

1. Recycler View.

2. Card View.

- Recycler View is implemented in the app to make the app user friendly.
- Card view is implemented to provide DO'S and DONT'S for selected field by the user.

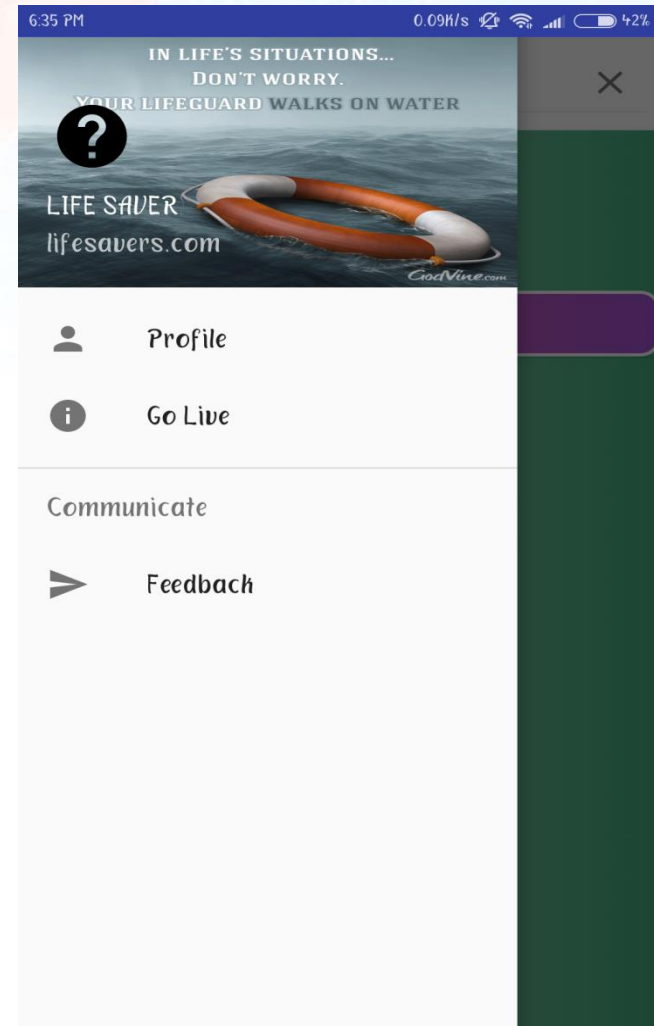
## Emergency

### Dos

- A diet rich in iron and vitamin B12.
- Iron rich food such as green leafy vegetables, walnuts, jaggery, dates and liver.

# Navigation drawer activity

- Navigation drawer activity: It contains three fields
  - Profile : contains user information
  - Go live : network auth is added works in online mode
  - Feedback : User can give feedback after using the app.



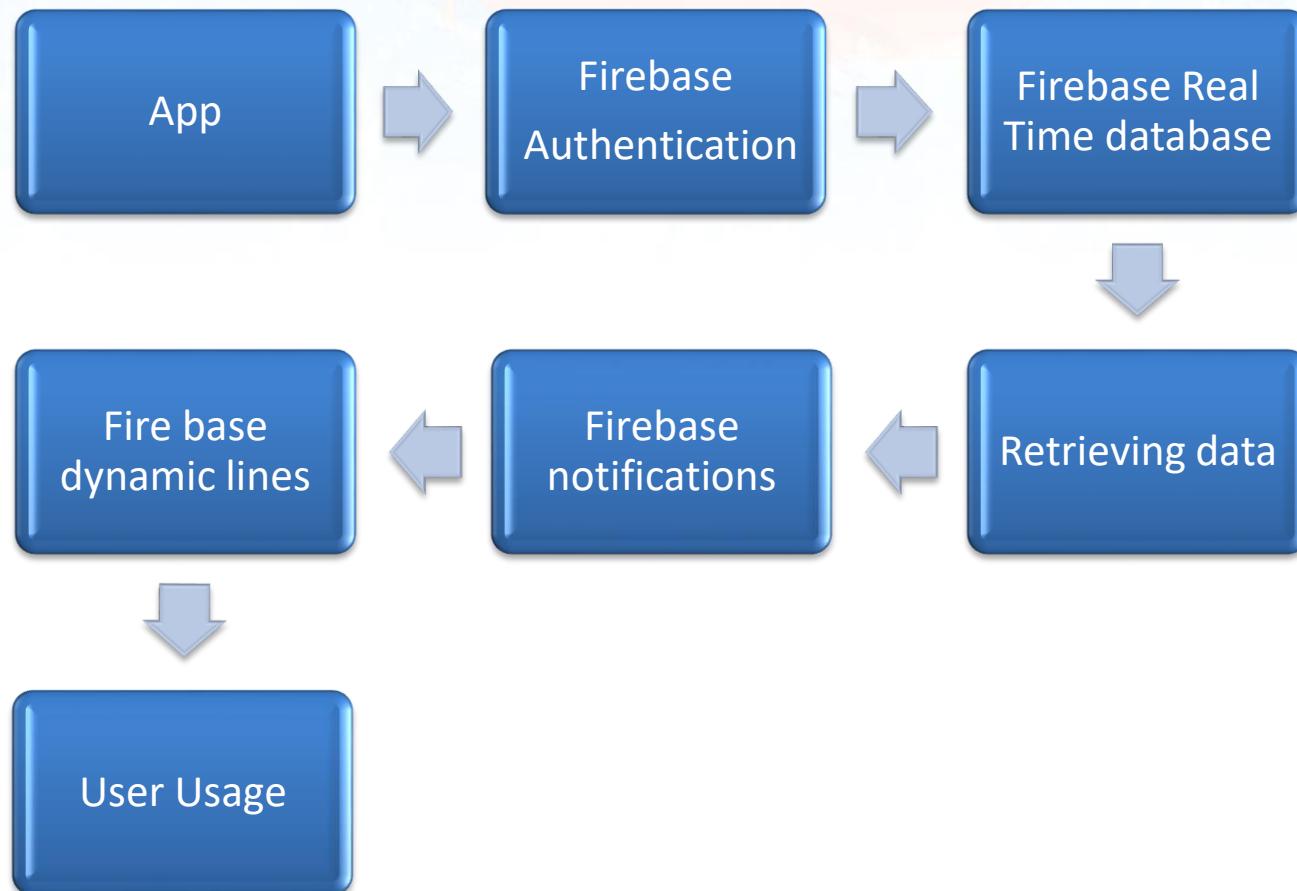




# **FIRE BASE (REALTIME DATA BASE AND AUTH)**

- User profile containing fields like user name, email info, and password will be stored in the real time data base in addition to emergency number.
- User authentication is done using firebase.

# DATABASE BLOCK DIAGRAM





# Emergency Button

- Emergency button: An Emergency button is added so that in case of emergency user can press the button through which a phone call and a message be sent to a person which is given by user
- Message sent also contains coordinates of users location.





# Push Notifications

The natural calamities like earth quakes , tsunami takes the life of many people. The main reason is the lack of information about these natural disasters.

**DON'T WORRY** we provide push notification in these kinds of situation through our App.



## **Real time disease alert**

The Disease break downs are common these days in recent past we saw people suffering due to 'Nipha virus'. In these emergency situations we provide real time disease alert to the users in online mode to provide the information about the same to safeguard themselves.



# APPLICATIONS

It is very useful application for a person who is in emergency and also for the people to get information and remedies about the disease they are suffering from.





# CONCLUSION

- The application is user friendly.
- Provide help in the emergency situations.
- Instant sending of location helps to track the person in emergency.

THANK

YOU