ALERT FISHERS: A LIFE SAVING Mobile Application

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ABSTRACT- A Mobile Application which can save time, effort and money and life by giving tips and ways to reduce the arrest of fisher beyond boundaries that is designed and implemented. The collected information contains all the details related to countries boundary from the boundary defining department of India and Sri Lanka, and grouped them into an easy and compact application for the benefit of the each and every fisherman. This app is built using Android Studio IDE 2.2 released by the Google. This app serves as an easier way to access details and documentaries related to boundary of country at the part of Gulf of Mannar. It includes an arrest button which makes it easier for the fisher man and the court to evaluate their own courtesy and detect the placed of arrest and support their release. In addition the application has a separate section which enables the GPS usage to alert the fisher man within a fixed boundary. The ways of investing the government of India is less in the way to ensure they have an android device to support this app. It helps the people to reduce their struggle and get good returns from their investments in fisheries. It also contains the information regarding current affairs related to this issue.
Keywords: android, fishermen, official, life saving, no investments.

INTRODUCTION

India Srilanka boundary definement was held in the year of 1976. It defines a contained boundary between the country of India and srilankan states. The boundary are made to be strict to avoid conflicts among the nations, and hence it made straight by the law of enforcement to avoid the confusion at the seas at any cause since these both country are closely located in Indian ocean and more close at the park straight. The park straight is defined between dhanushkodi in Indian and thalaimannar at the tip of srilanka. The island of Katchatheevu belongs to Srilankans after a certain amendment of the boundary among the nations.

There are nearly 19000 families of fisher man family in south of Tamilnadu state. The mostly venture for the duties at the night time and cross the boundary of the nation and eventually fall under the lock up of srilankan army. These are fisher man the districts of Rameswaram, Mandapam, Kottaipattinam, Jegathapattinam, Kodikkarai and Nagapattinam in coastal Tamil nadu. The use their simple boats along with the nets and cross the boundary without their knowledge and get locked up. They are arrested by Sri lankans and fined to release them.

EXISTING SYSTEM

Although, there are borders defined but it is a blue eyed vision of people of

country, it is important to pay their attention. There are developed apps for this scenario, but have equalized bane comments on them. Some of the already existing apps are, "map factor", "country borders", "amber alert", "navi maps" and other apps are only given for guide basis.

Map factor:

The app of map factor has been rated as (4.2/5), has a certain disadvantages of bugs, and lags in time. It is the currently used app by the people.

Country borders:

The app next is "Country borders", it rated as (3.9/5), it is not accessible offline and it just act as showcase link for google maps department.

Amber alert:

The next app is, "amber alert", it is rated as (3/5) it is the app which only consists reviews of people at times. It doesn't work on the concepts even at navigation.
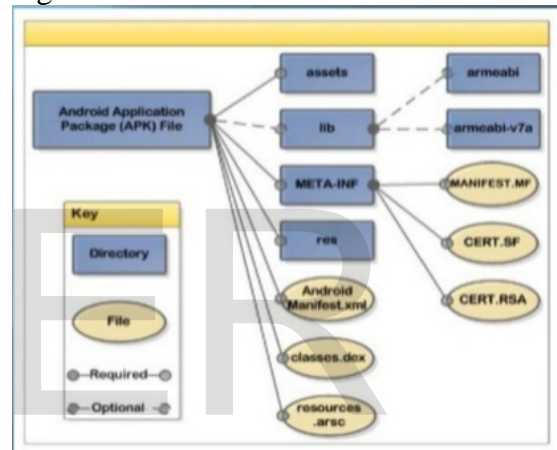
Navi maps:

The next named app is, "Navi maps:" it is an updated version of country boarders. It contains the offline map and it has the way to know the amendment and reconstruction of paths problem at roads. This app has a highly rated disadvantage of slow pace, bugs, complexity of understanding and has difficulties in entering the datum.
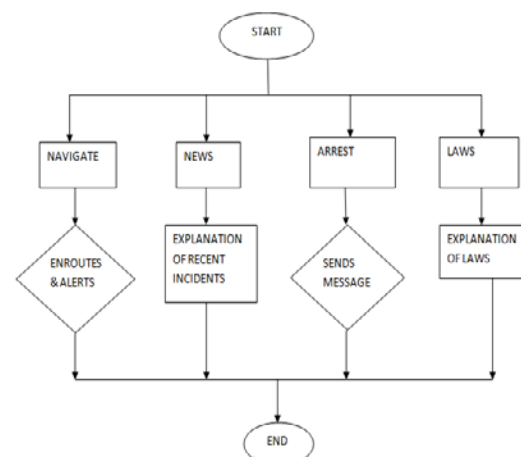
These are the common set of disadvantages faced by the people who are using this app. Hence, our app has been programmed with the help of android studios software to overcome this set of disadvantages. Hence, the proposed app is said to be user friendly along to give a helping hand for the people and marine department of India by giving more boon to the society.

PROPOSED SYSTEM

Android studio is an integrated development environment officially released by the Google for android platform development. It is available for download from the official android website, which comes with Android SDK and other SDK tools. This software provides a good development environment for the budding developers to create and experiment new android apps and such. It comes with built-in emulators for easy testing of apps. It is often being loaded with updates from the Google at regular intervals.
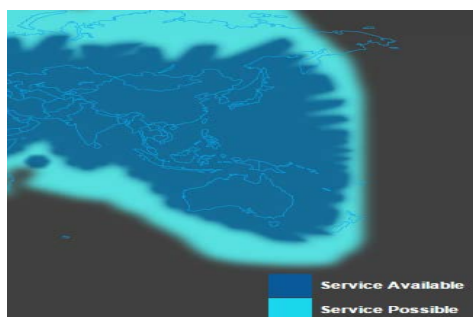

ALERT FISHERS APPROACH

Alert fishers:

The proposed application provides an easy access to the GPS handling and its management in an efficient manner. It comes

with great UI and provides supports for user of all types. This app provides direct links to all the required official links and contacts regarding the laws, current talks etc. It includes options to know the current affairs, which can be used to get particular information directly from the office. You can directly login to this app "alert fishers" using links provided by the government. The in-built route navigator in this app can be used to find the boarder limits of the fisher man by providing their reasonable amount of data. Moreover, most of the functions used in this app are accessible online, making it easy again for the users even in Tamil version. Though there are many other existing apps in the market, this app stands apart from all others, as it is unique and has an easier and less complex structure and design. It can help the other people to get to know the happenings in area of this issue. It gives detailed information about the current set of rules and acts established by The government Department of India. This app also features links for the arrest option along with locations sent to department for the plea of their release. So, this app provides a whole compact pack for this issue and saves life in a non solitude manner.
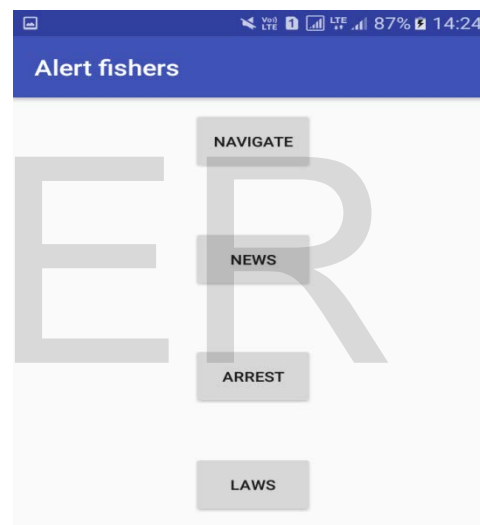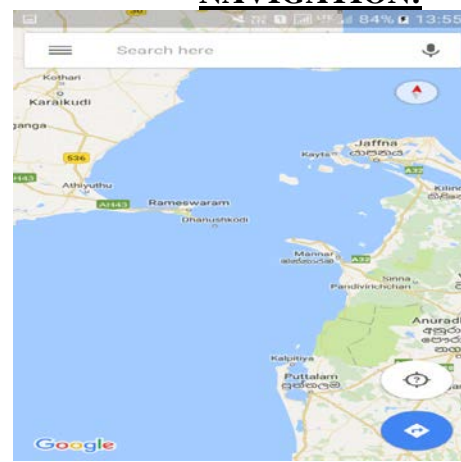
PROPOSED RESULTS

NETWORK COVERAGE:

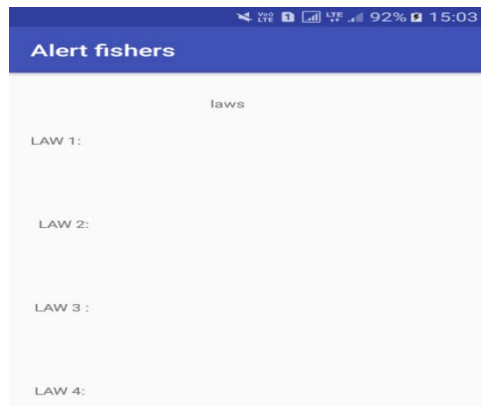### SIGN IN SCREEN
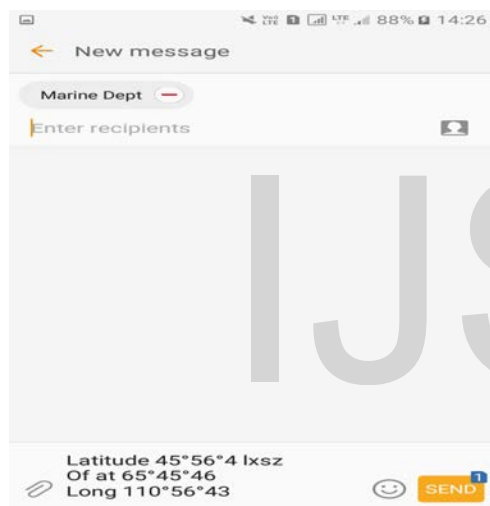

HOME SCREEN

NAVIGATION:
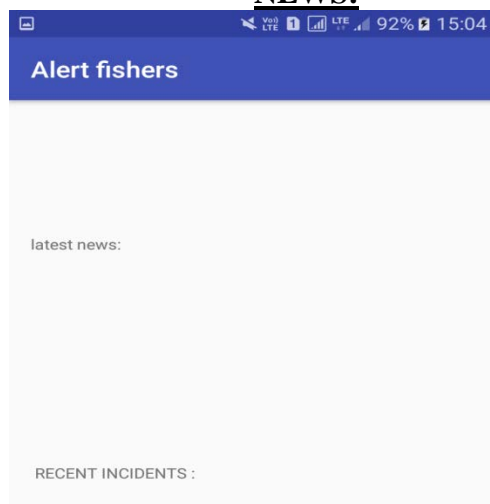
LAWS:

ON ARREST:

NEWS:

ADVANTAGES

1. It is uses a sign in option to identify the user.
2. It provides the information on current talks about all strategy.
3. The app gives ideas about the definite boundary even at the seas
4. This app alerts the fisher my using alert/alarm algorithm used in android.
5. It helps to know the laws via Google directory.
6. The app explains all the acts passed at Department of India about boundary crossing acts.
7. It provides a service in Tamil and English
8. Registrations can also be done via this application.
9. It provides and arrest button which sends the current location of their arrest to the department for their proof for release.

CONCLUSION

The tremendous growth in mobile application development is used worldwide today. Android mobile applications are evolving rich and fast user experience. The ultimate goal is to provide a successful user interface to the users in an efficient manner at ease. This app helps the people to clear their doubts and all issues related to countries boarder. It also gives a hand to marine time department .The app, "alert fishers" gives the facility in boundary calculation and gives a way to reduce the arrest of fishermen on the seas. It helps the user in applying bail / release by locating the spot of arrest. Alert fishers provides the best hand for the users and as well as the country's safety welfare. This app is most welcomed by the society in all ways. The well programmed app encourages people to rectify their doubts and fisherman to be alerted. By this we conclude by saying, this short hand app en-routes the people's view in

paying attention and it provides all time support to fisher man and safety ensuring department of India.

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