

SMS Helper (For Offline Use)

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Abstract: *In this digital world, everything is happening in few seconds. keeping tick of essentials in this fast life sometimes turn out to be quite demanding. So directly coming to point in this busy life we forget our things at home. We can't able to contact our mobile device if we forget it. An Android application to detect your device and send some text message to particular device. This app is capable of Get contact number, Mobile device turn Silent to ringing, Mobile device turn ringing to silent, Track your current location. This all function will done in offline mode without accessing Internet. In our routine life sometimes we forget our Mobile Phone at anywhere So to overcome this issue, we created android application that can be used offline assistant to help you with the common problem faced in daily life. our app requires user permissions like location access, background access, etc by using this permissions our app can send a Contact Number, location to user.*

Keywords: Deep Learning, Diabetic Retinopathy (DR), Densenet 121 Architecture, VGG16 Architecture, Dataset, Fundus Camera.

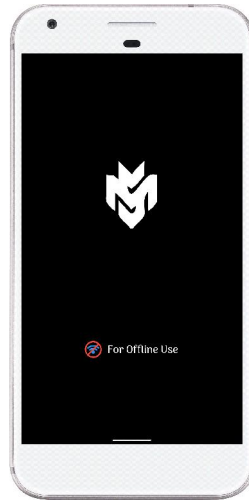
I. INTRODUCTION

We are living in this world where everything is happening at the speed of few seconds. Nowadays we need internet access for tracking location, getting contact number from one device to another device. We went about trying to search is there any similar app present or not first, but, as nothing relative was available we went about to resolve this problem with a simple innovative idea so that the usual OTP saga with credentials hassle could be avoided and a simple fast solution can be provided. To solve this, we will build an application name as "SMS HELPER" which will provide you gps coordinates, contact number using another mobile. And the extra features you can change sound profile of your mobile and, you can ring your mobile using another mobile. For using all the features you need to install SMS Helper app and create a new account or login into the app and turn on the service button in the app, if service button is turned on than and than only our application will work. The following example shows need of this app:

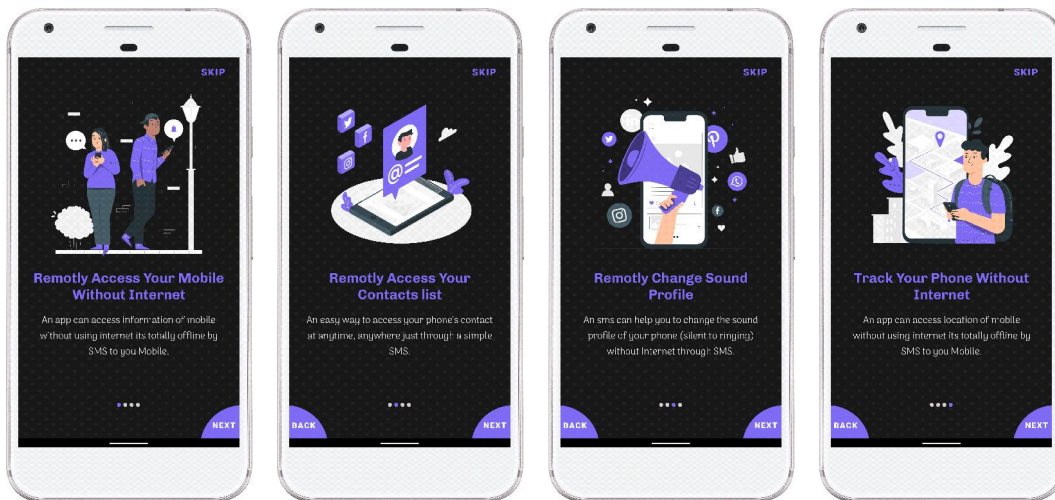
Assume you have already installed SMS Helper app in your mobile and the service button is on. Assume you forgot your mobile at home and you are at office or any where else. And you need to call anybody urgently and you don't remember the number of that person at that time our application comes in use. You just need to do is take your friends mobile and open any messaging app and send sms to your mobile with this syntax "<your m-pin> sms_ help " and after few seconds our application which is installed in your mobile will send the syntax of getting contact, getting location, ringing mobile and changing sound profile, on your friends mobile. Than enter the syntax of getting contact which is this "<your m-pin> get_Contact <contactname>" and send sms. After few seconds SMS Helper will send back sms on your friends mobile with the contact number for, which you asked for. Like above example all the features can be used you just need to send the sms with correct m-pin and proper syntax.

II. FEATURES

Splash Screen: Users will see the app logo for 3 sec on opening the app. This concept is called Splash Screen

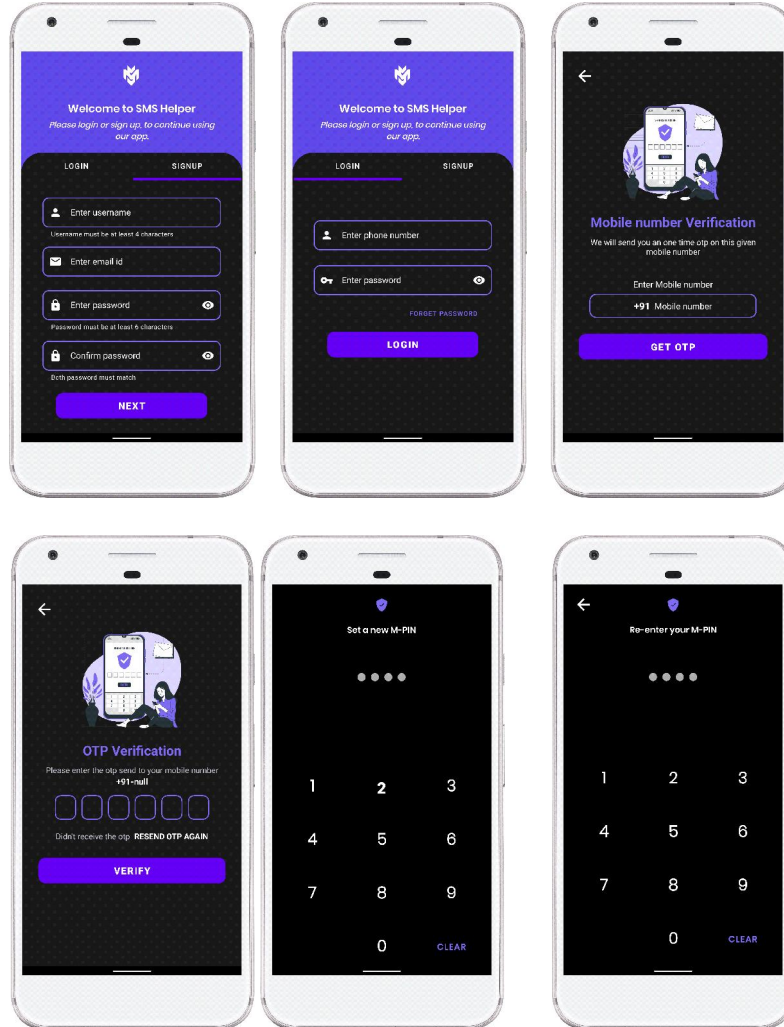


Slider: Ours app will show slideshow of features in a nutshell on opening app for first time. This concept is known as Onboarding



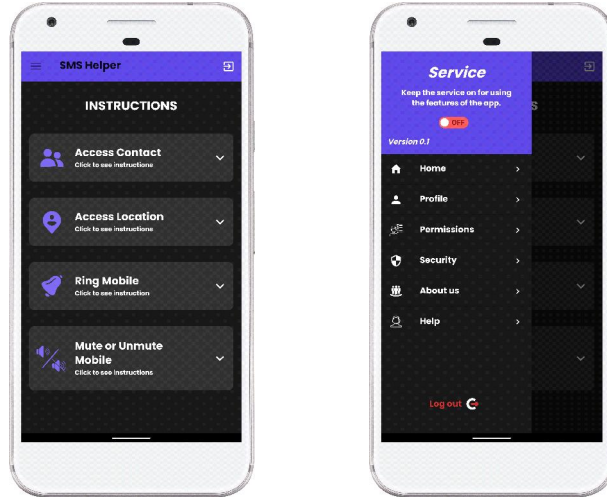


Login/Signup: User can Login or Create a brand-new account which holds User Name, Phone number, Email Id, Password and Mobile Pin (M-Pin). Without login/signup user cannot use our app, for security and anti-spamming purpose.

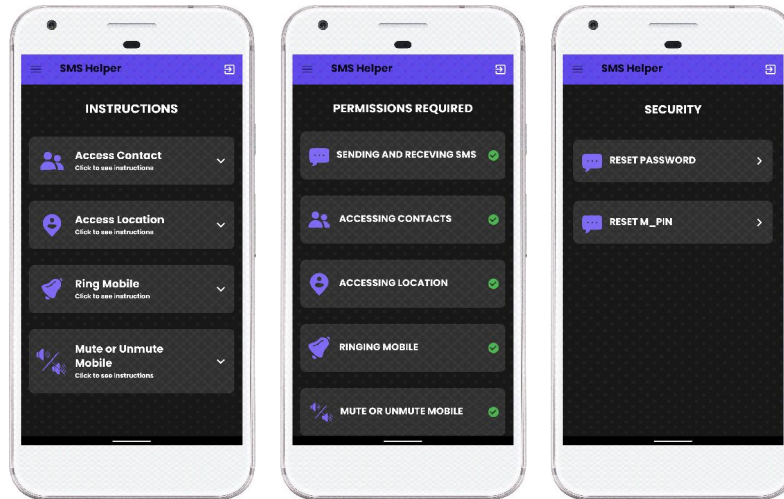


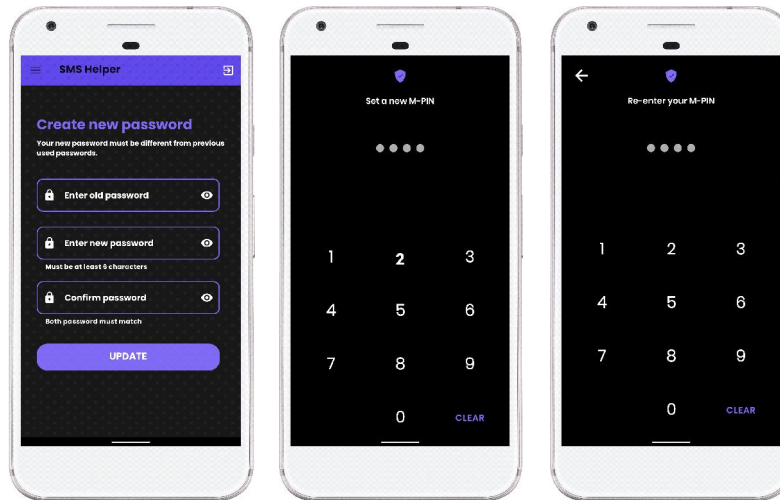


Main Content: Finally, here is what this app is made for. An service button should be allways on for using the features of sms helper.

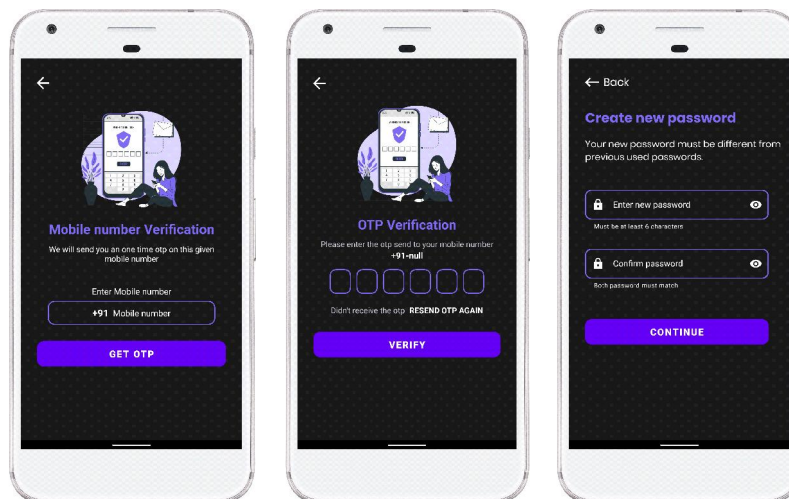


Navigation Drawer contains: User can see all the syntax on home screen, and can see all the permission which sms helper app have access to and, can change password and m-pin.





Forgot Password: If user forgets the password, we have handled the situation, user can either reset using email or using phone (otp method).



III. LITERATURE REVIEW

We are inspired to make this app from these citations:

- For providing the security, various smart devices and applications were developed. Many smart devices and applications are also available in the market; but, it doesn't work in offline mode. [1]
- People suffering problem of forgetfulness in these busy life. To decrease this problem we create an “SMS Helper” application. It’s helps us to contact your device . [2]
- This generates a text message or syntax which is transmitted to the smart phone. The software or application has access to GPS and Messaging text services which is pre-programmed in such a way that whenever it receives a syntax it automatically provide user request and functions. It will helps user to get contact number , Mobile turn silent to ringing, Mobile turn Ringing to silent , Track mobile device location using this application. [3]
- This paper suggests to use technology for device security, tracking purpose when forget it. [3]
- In this paper we developed security based application using M-Pin ,Google firebase to protect application. This devices is to customized free to use and it will provide successful output to user. [4]

IV. FUNCTIONALITIES

- **Getting Contact Numbers:** User can get contact number whenever they required, they just need to send sms with proper syntax of getting contact number.
- **Ringing Mobile:** Using this app, you can ring your mobile, this feature is useful when user lost mobile in the home, and he can't find it than, they can send sms to mobile using another mobile and then users mobile will start ringing for 30 seconds.
- **Getting location:** User can get gps coordinates when ever they required, they just need to send sms with proper syntax of getting gps coordinates.
- **Changing sound profile Mute or Unmute:** User can change there sound profile mute to unmute or vice versa by sending sms on there mobile, they just need to send sms with proper syntax of changing sound profile.

4.1 System Requirement

- Minimum Android: Marshmallow.
- SMS Pack.
- Minimum Screen Resolution: 1080px * 720px.
- Minimum API level - 23.
- Internet Required (occasional activities).
- Activated SIM Card.
- Memory – 1 GB.
- Space – 32 MB approx..

V. CONCLUSION

The Be-Safe app is one of the most fantastic and useful apps for the people those who faces himself in danger or if they don't find themselves safe in any situation then this app is very helpful for those. They don't need to afraid of any emergency situation. This app allows you to add trusted people contacts in the application so this app can inform to those contacts immediately. This app records person actions and gestures. If app finds that the particular person in danger our app will send a person live location to trusted contacts. This app is also too much user friendly anyone can interact with this app. People want this type of apps in today's world, where there is safety is more important. The objective of this app is to provide live location of person and we are going to update this regularly as per project progresses.

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