

# LocShare



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# Consider!

- Normally you have a scenario in which you go to a new city and need to go to a place in there.
- So for that you have to ask for the directions from passers by who might choose to guide or MISGUIDE you, after many hours of wandering the city you find your destination.....Awesome Right!



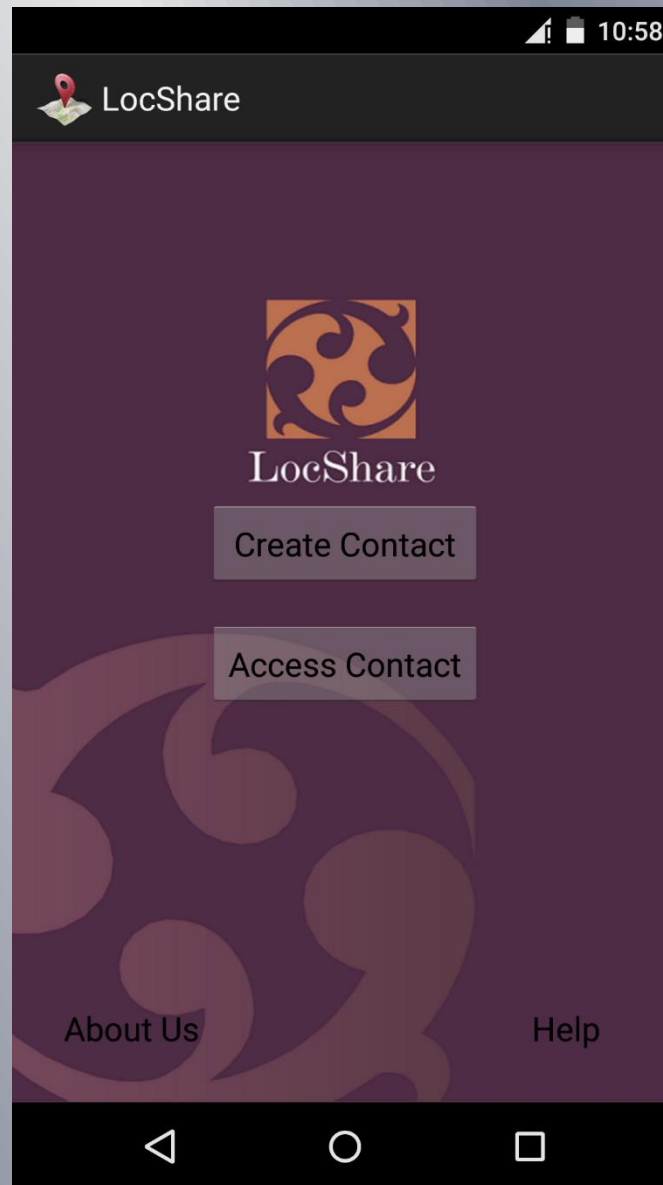
# Presenting LocShare!

- What if you would directly have been able to obtain the location of your destination on your android phone
- LocShare android application enables you to share and access Google maps locations on android devices via the internet
- Your friend could simply send you the Maps location of your destination on LocShare for you to follow it on android.

# Major Features

- LocShare presents us with three major features:
  - i. Create Contact
  - ii. Access Contact's Location
  - iii. Share Location

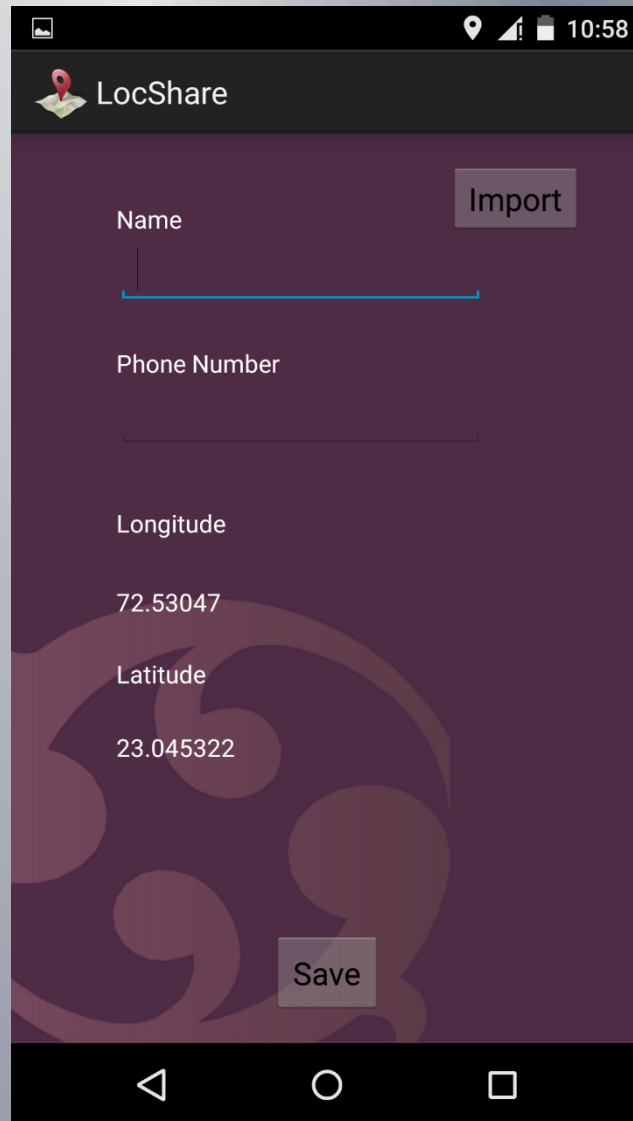
# LocShare



# Create Contact

- It allows you to create your own contact or you can also import it from your phonebook.
- The contact obtained in either way is stored in the App's Database.
- The Longitude and Latitude are obtained directly from the phone's current location and are stored along with the Contact's name and number.

# Create a Contact



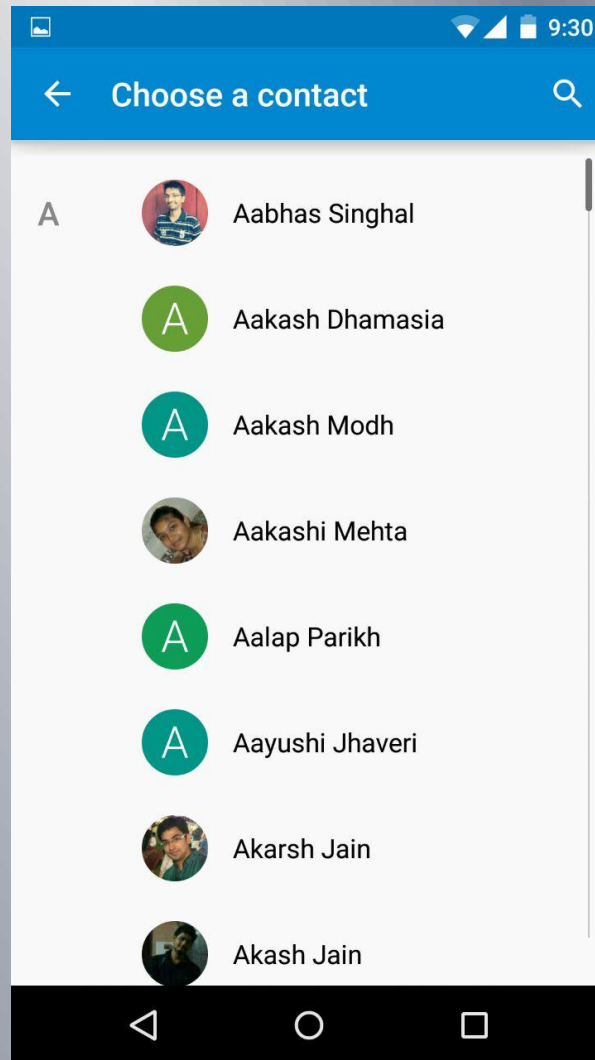
The screenshot shows the 'LocShare' app interface on a mobile device. The app has a dark purple background with a subtle pattern. At the top, there is a status bar with icons for location, signal, and battery, and the time 10:58. Below the status bar is a header with a location pin icon and the text 'LocShare'. The main form area contains several input fields and buttons:

- Name:** A text input field with a blue underline. To its right is a grey button labeled 'Import'.
- Phone Number:** A text input field.
- Longitude:** A text input field containing the value '72.53047'.
- Latitude:** A text input field containing the value '23.045322'.
- Save:** A grey button located at the bottom right of the form area.

The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons.



# Import



# Import Window

LocShare

Name  
Aabhas Singhal

Phone Number  
+919898566830

Longitude  
72.53047

Latitude  
23.045322

Import

Save

# Saving Contact in App's Database

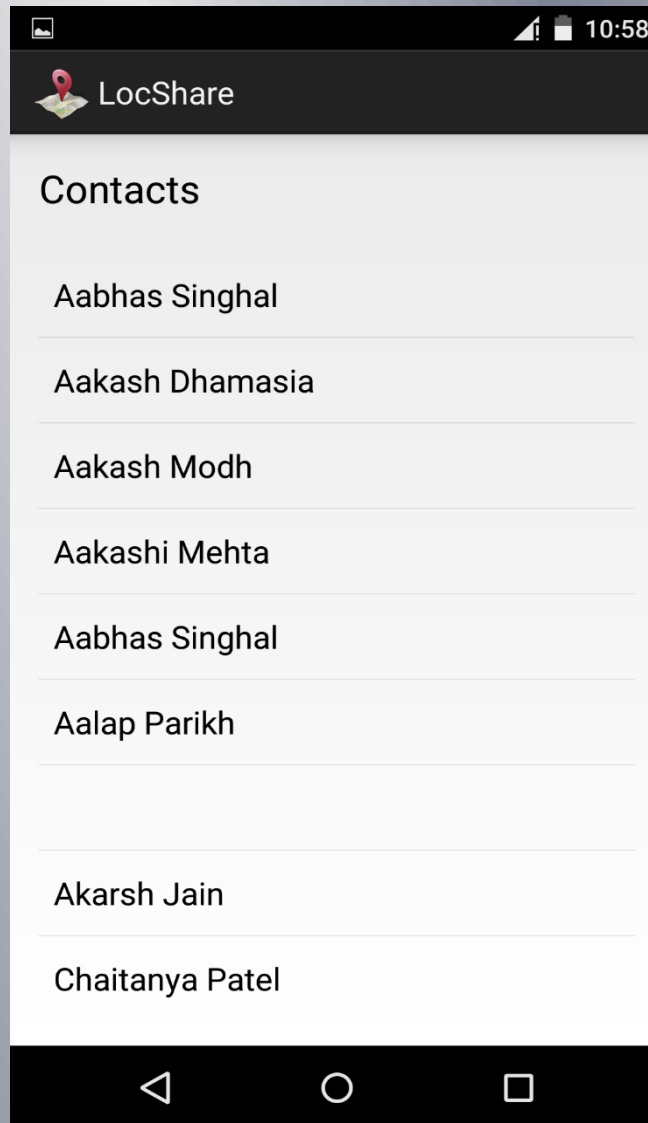
- (add image here of saving the contact with the toast being shown of “Contact Save”.)

# Access a Contact's Location

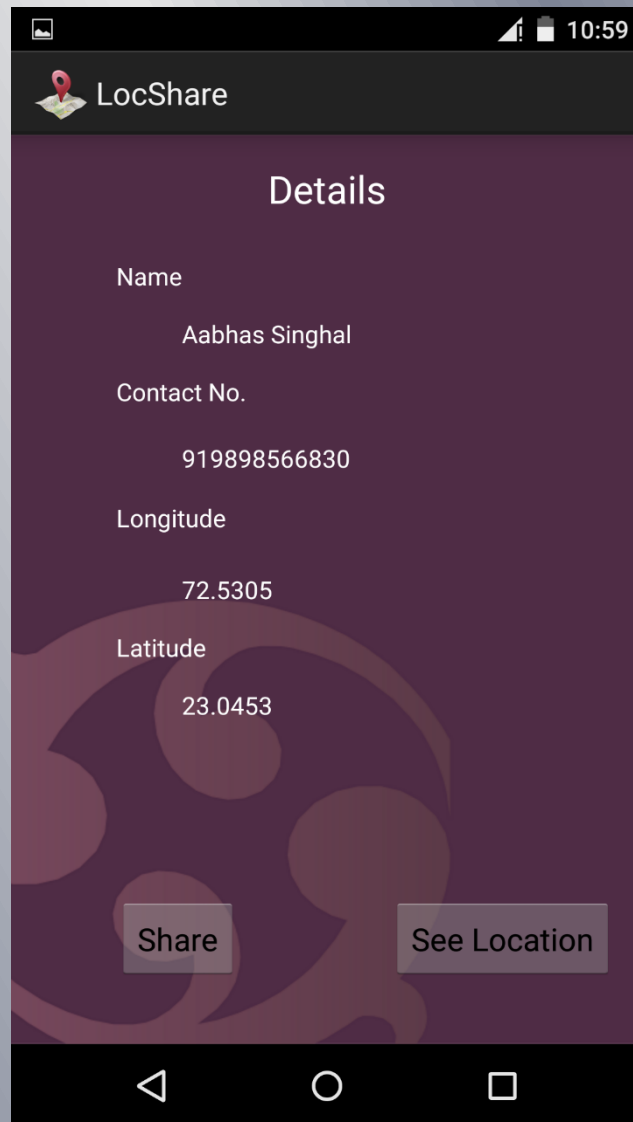
- It allows us to open the Google Maps location with respect to the given contact.
- Thus it presents a contact list which contains the Google Maps location of the respective contacts.
- This enables the application to serve as an Address Book storing Longitude and Latitude coordinates of the Google Maps space.

# Access Contact

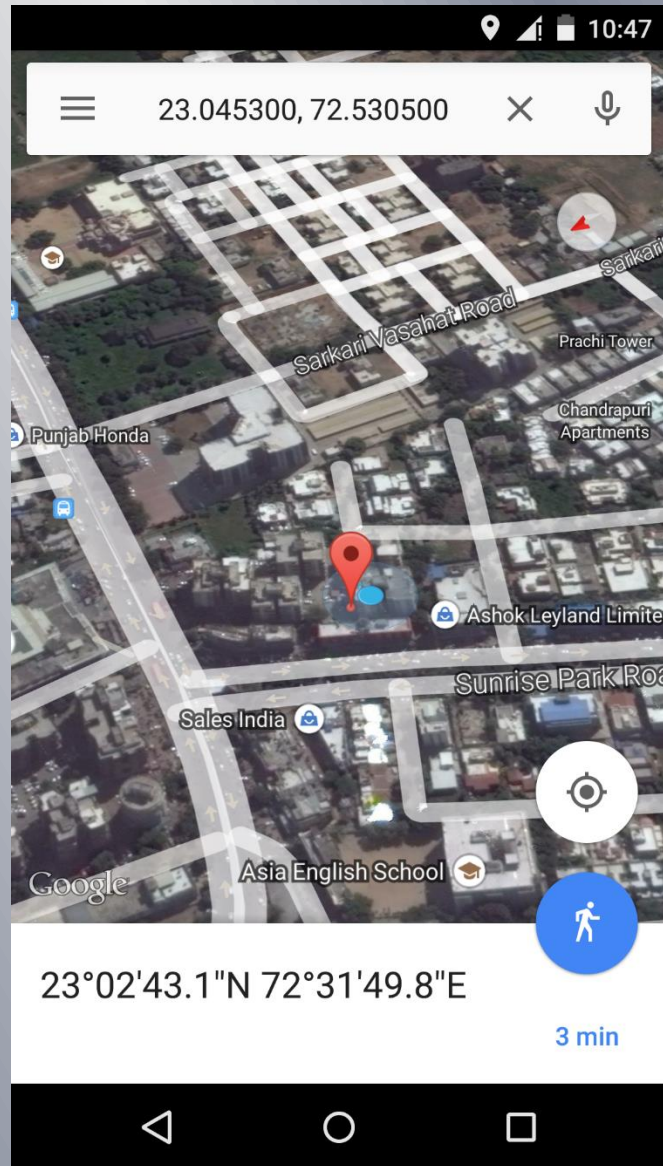
(Here we can add our new updated database with only few contacts)



# Details about Contact



# See the Contact's Location

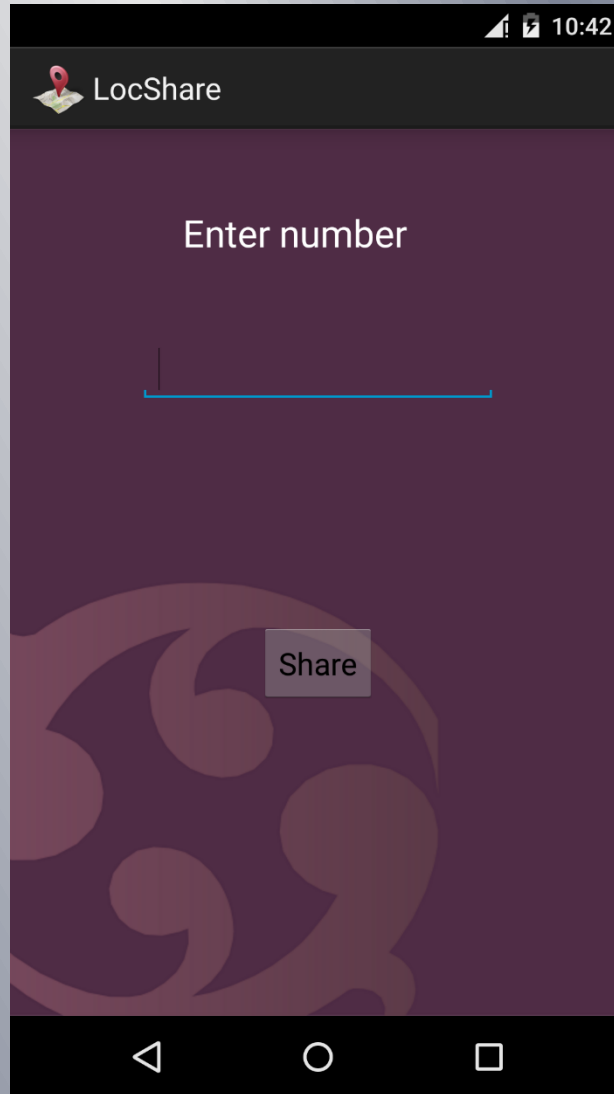


# Share the Location

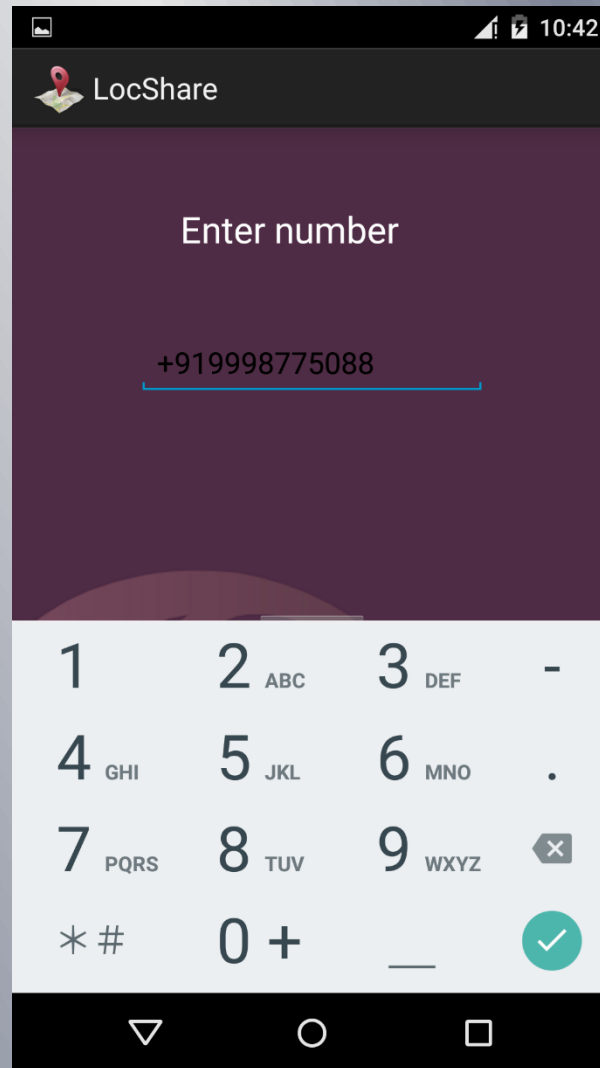
- It allows two users of the application to share the contact information over SMS (Short Messaging Service).
- Hence the link of the Google Maps location of a given contact in the “Access Contact” is sent to the other user via SMS.
- On opening the link the Google Maps is opened with the marker set on the coordinates of the sent contact.



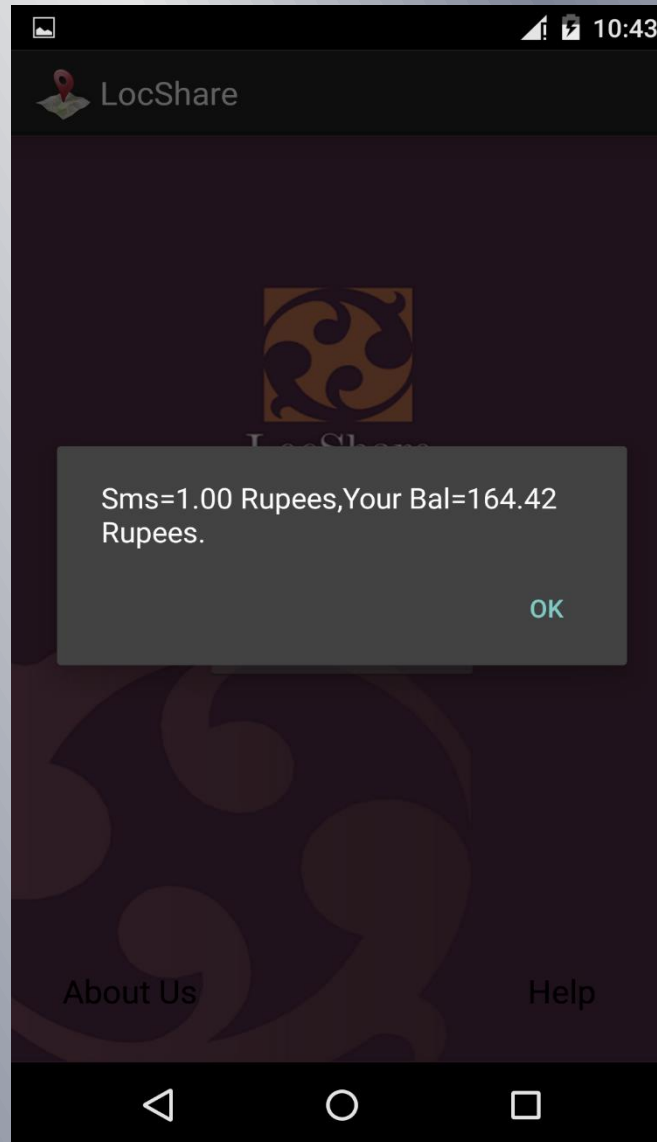
# Share the location



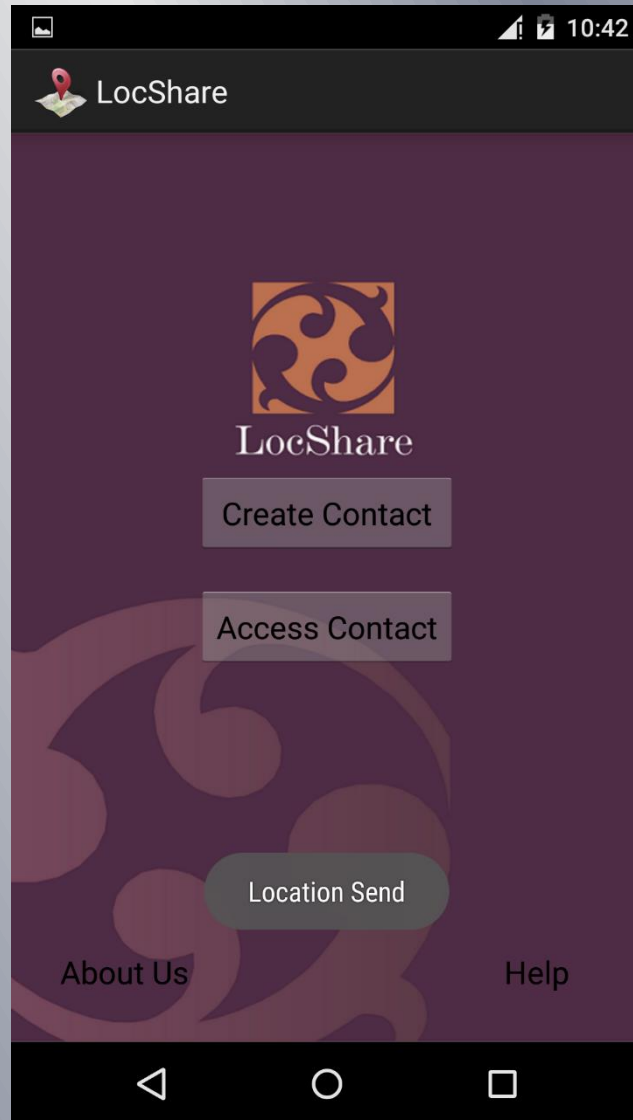
# Share the location



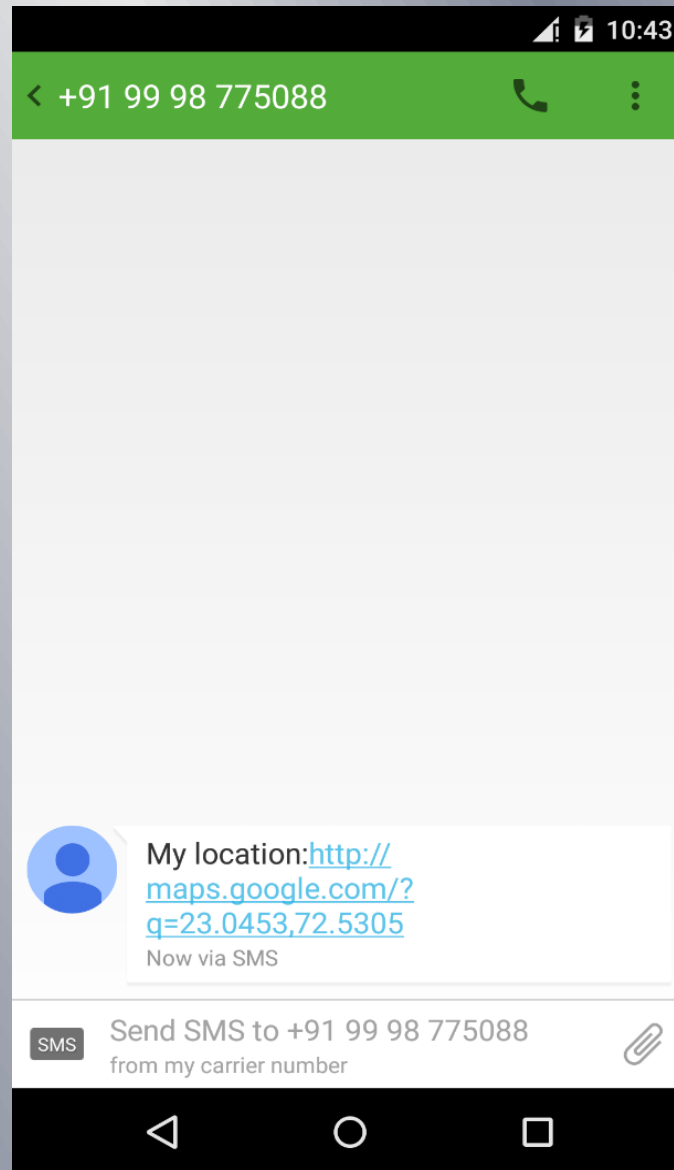
# After Sending the SMS



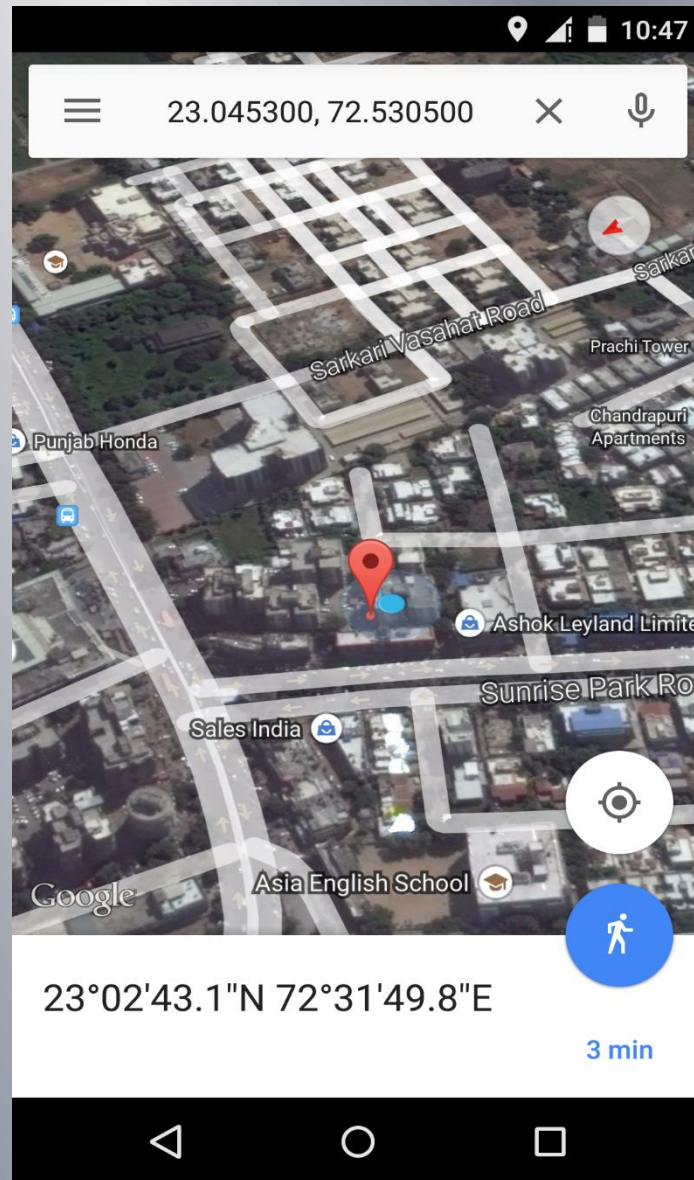
# After Sending the SMS



# Recipient receiving the SMS



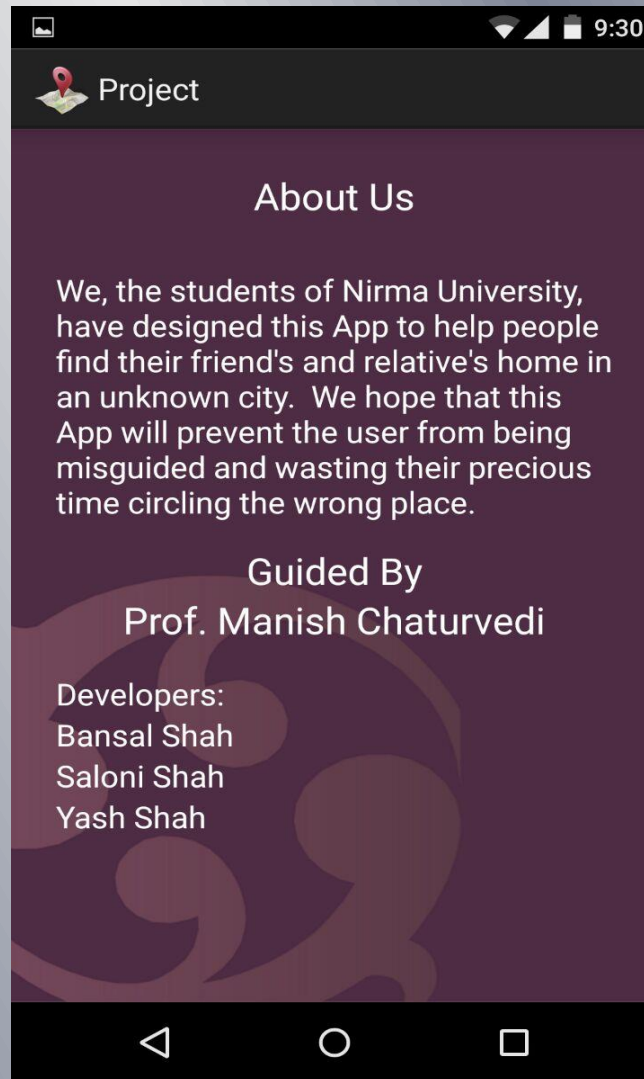
# Address Received



# Add-Ons

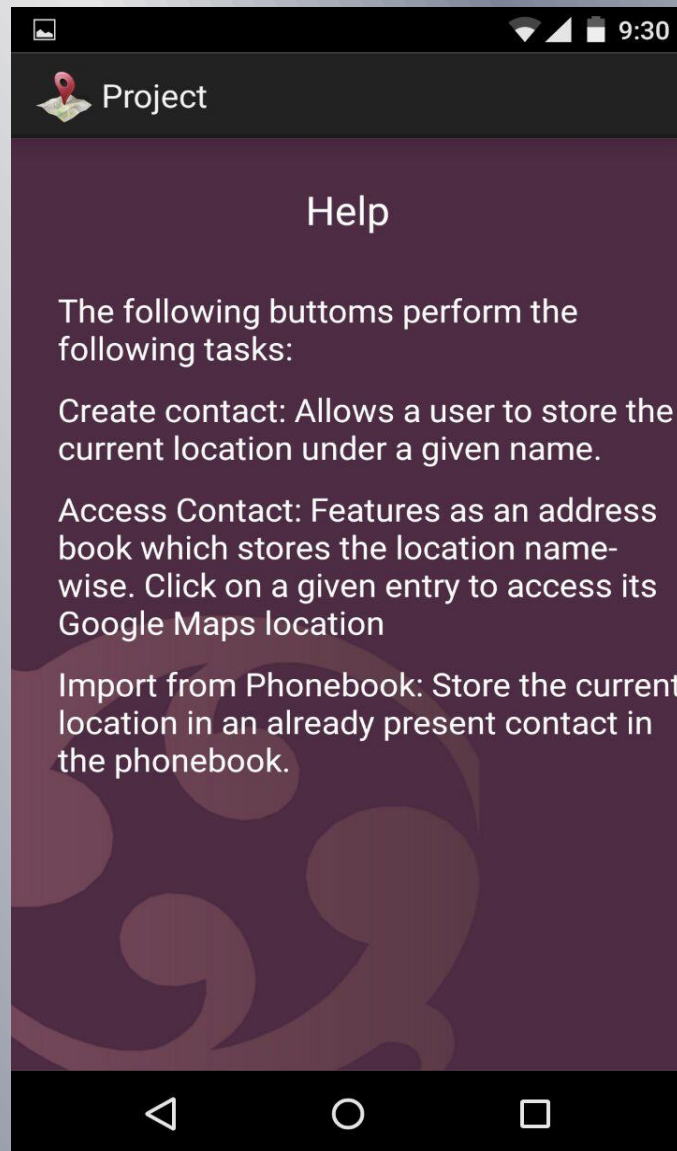
- About US : This page gives the information about the app developers and their guide. Also the motivation behind this App is given.
- Help : This page provides help for the users so that they get better understanding of the functionalities of the App.

# About the App Developers





# Help



# USB

- The Share Contact Feature Exploits a gap in the application market since no other application provides such a functionality.
- Privacy of the users is the main concern of the application since the location of a given person is sensitive information.
- Hence each contact can be sent with access right.

# Future Works

- In the future we would like to implement the sharing of the Google Maps Location on Internet using Extensible Markup and Messaging Protocol(XMPP).
- XMPP protocol is used by various applications such as WhatsApp, Line and WeChat. Further we would like to make our application a cross platform application which would cater to the needs of various smart phone operating systems.

# Conclusion

- LocShare is an Android application which has a user friendly environment that allows its users to store and share the Google Maps locations in an efficient manner.
- With the advent of development of the smart phone market, this application indeed seems to be promising.

# References

- <http://developer.android.com/index.html>
- <http://www.vogella.com/tutorials/AndroidSQLite/article.html>
- <http://www.androidhive.info/>
- <http://stackoverflow.com/questions/6541088/how-to-put-a-list-in-intent>

Thank You