



SKY TRIP – Photos Sharing and Location Tracking using Google Facebook SDK

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Abstract – “SKY - TRIP” is for a group of friends who are planning to go for a trip. There will be two main users – one admin and a group of friends. The admin will send a request to his friends for tour. A report of approximate cost and minimum expenses, transportation etc. will be sending by the admin to his friends. Interested friends will give confirmation for tour. They can also have a look at the famous places near to their destination place. Using our app, it will be possible to calculate all expenses and expenses per head after completing the tour. Friends will also be able to share their photograph, videos with each other through this app. And using Google facebook Sdk these photos will be directly uploaded on the social networking sites like Face book, Instagram etc. In case of any emergency, location of the friend can be found through GPS. An emergency message will be send to their parents and group of friends by pressing only one or two buttons.

Keywords- Tour management, Emergency Button, Chat, GPS, Location Sharing, nearby famous destination, shortest route using Google map

I. INTRODUCTION

Android is open source, free Linux based operating system. It provides various enchanting features like beautiful user interface, audio/video support, camera, internet support etc. And because of these features android applications are in trend nowadays. In this application user can view different locations nearby famous places on the Google maps. It is a tour management app [1]. It also gives the facility of chatting to the users on the same Wi-Fi network, without ever accessing Internet. Using these application users can share files, photos, video, audio, music without slowness of the internet. [2]. By pressing the integrated emergency button, the location of the user in terms of latitude and longitude will be send to the pre-registered phone numbers in the application.[3] In mobile communication the tracking of location plays a major role using this LBS services. In order to track the location of the user's mobile device it checks the nearest base station available to the mobile network and GPS Global Positioning System for tracking location. The GPS satellite is used for navigation purpose and it is combined with LBS is used to track the location of mobile device and the actual work of GPS is to calculate the position in the measure of coordinates like latitude and longitude values through the GPS receiver. This type of GPS service is also provided in the app. [7] generally, users feel that the risk of using location sharing technology is more than its benefit. Users have the insecurity that the location of their home will be revealed to others. The users will have benefit of locating the people in case they have lost. [9]

II. LITERATURE SURVEY ON SKY-TRIP

SKY TRIP is about connecting the friends in which all the friends will go for a tour and enjoy. There will be two main users – one admin and a group of friends. The admin will create a group and the friends will register themselves. The admin will send a request to his friends for tour. Interested friends will give confirmation for tour. Destination place will be decided by the admin and the group of friends. They can also have a look at the famous places near to their destination place. They will also be able to decide the shortest route to their tour using our app.

Using our application, it will be possible to calculate all expenses after completing the tour. The expenses per person will be calculated. Friends will also be able to share their photographs, videos with each other through this app. And using various Sdk these photos will be directly uploaded on the social networking sites like Face book, Instagram etc. In case of any emergency, location of the friend can be found through GPS. An emergency message will be send to their parents and group of friends by pressing only one or two buttons.

Hence basic idea behind this is to keep all the friends in touch and their enjoyment in tour and most important is integration of: -

- Using Google map for location.
- Calculate minimum expenses
- Finding famous places nearby destination.
- Sharing photos videos using SDK on various social networking sites.
- Emergency button.

- Location Sharing

Various advantages of our applications are friends can easily connect with each other and can plan for a trip, all the expenses of the trip are managed in the app itself, users can share their photos on all the social networking sites just by uploading them once on our app, availability of GPS System for location tracking, we can find out the nearest famous places to our destination, availability of emergency button, Emergency button can be pressed at the time of emergency. Location Sharing and Saves a lot of time as a lot of features are integrated in one app.

III. PROPOSED METHODOLOGY

- 1) Deciding about the tour that is the place, interested people, day, date and cost.
- 2) Finding the shortest route using the Google map.
- 3) Calculating each and every expense during the tour.
- 4) Sharing photos and videos of tour using the Google Facebook SDK.
- 5) Tracking can be done using GPS during emergency.

IV. RESULT & EXPERIMENT

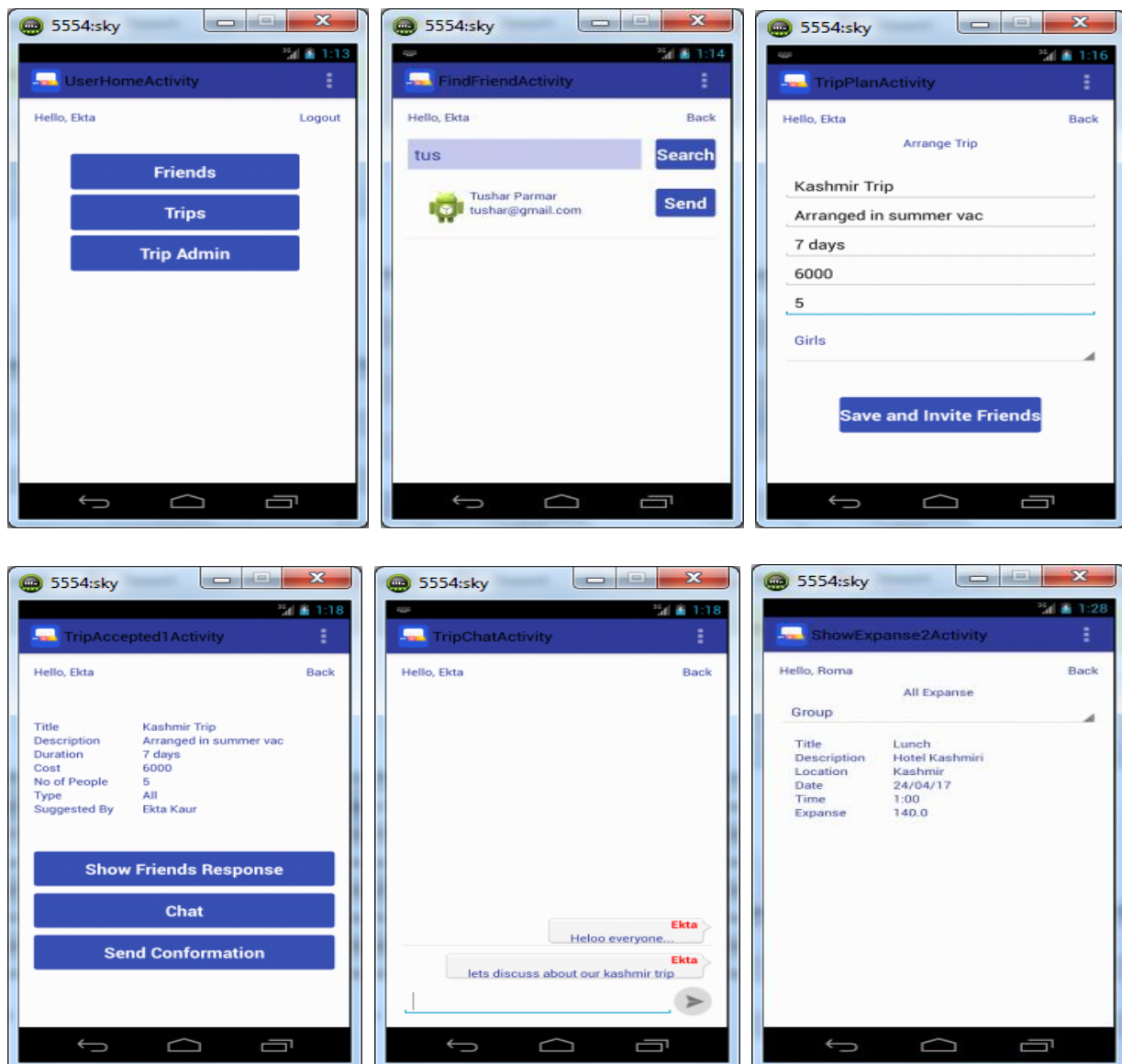


Fig. 1 Results

V. CONCLUSION AND FUTUREWORK

We are designing an android application “SKY-TRIP” which provides various facilities such as GPS tracking, Location sharing, Emergency button, Google Facebook SDK for sharing Photos, all the expenses of the trip are

managed in the app itself, users can share their photos on all the social networking sites just by uploading them once on our app, saves a lot of time as a lot of features are integrated in one app and most important connecting the friends. In future online payment mode can be added. Schools and colleges can use this application for managing their school and college trips and interacting with their students and parents. And we can tie up this application with government agencies and travel agencies.

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