A Location-based Social App with Open Data

"Go&Meet"

Chen, Fei; Khara, Keval; Liu, Zulin; Wang, Sihan.

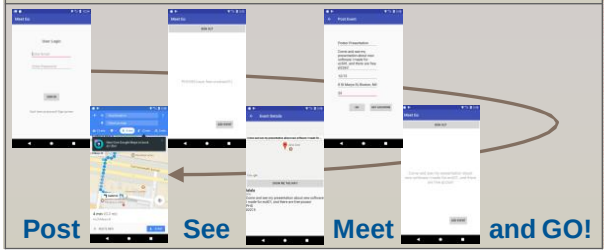
Department of Electrical & Computer Engineering, Boston University.

Description

- *Name*: **Go&Meet**
- *Category*: **Social Network Application with Open Data**
- *Key Benefit*:

1. Get interesting information right around you
2. Save your time from looking through comments since we are posting top ranked events to you
3. The smoothest channel for a business to advertise their coolest thing
4. Post your own exciting event and get more people to know

- *Target User*: **You!**



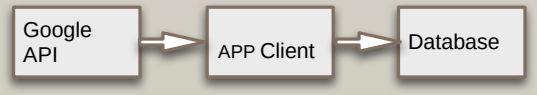
Database Application

- **User's database**

Firebase is used to store the information of registered users, user's post and their attributions

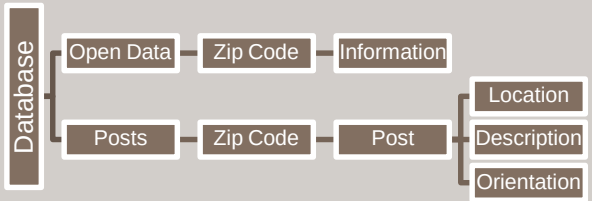
- **Open data database**

Using python script to import open data set from boston.gov to Firebase database.
Two kinds of database share a common attribution: They all have zip code as their parents node to enable us posting events **right around you**

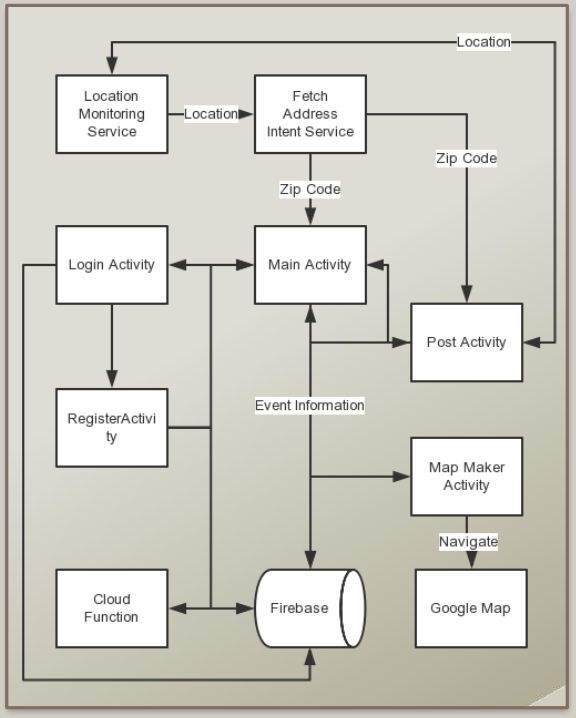


Structure

- Database Structure:



- Client Structure:



Future Expansion

Filter for Events	Add animation to GUI
Currently all the events and open data will be shown, adding a filter that can show desired events for user will be great, e.g. "Party", "Sale", "Seminar"	There is a little android build-in animation shown in the GUI, using other activity animation API will make the app more attractive
Pay for Events	**Develop for different platforms**
Ability to pay for paid events through the application, the usage of those API need money to update if we want a payment feature, thus payment is a good way to upgrade the application	We have an iOS version of this project, it has all the functions as the Android version except the map, we can develop it in future

More

- **Compatibility:**

android iOS

- **Acknowledgement:**

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3. Poster Advisor: Mark Horenstein
4. Also thanks to Dialer's swipe card package and Stephen D'Amico's places autocomplete text view.