
GitHub Username: kamalshree

App Name: TechSpeakUp

Description

Write a brief summary of what your app does. What problem does your app solve?
TechSpeakUp App is designed to find all technical speakers in one place without the need to search anymore, we have them for you in 1 app, this app will help you to find speakers based on location,skill level, review, upcoming event based.

TechSpeakUp app solves one of the major issue which is “Finding all technical speaker in one place”.

TechSpeakUp also includes couple of “Add on features” as listed below.
- Map displaying speakers based on location,skills,review.
- View Events details of the speaker.
- Helps to connect with other speakers, network and follow up any upcoming event.

These Add on makes the search more effective for people who are looking for speakers.

Intended User

- Event organizer
- Students,Professors
- Tech Events,IT professions, Mentors, Google Developers, Youtubers.

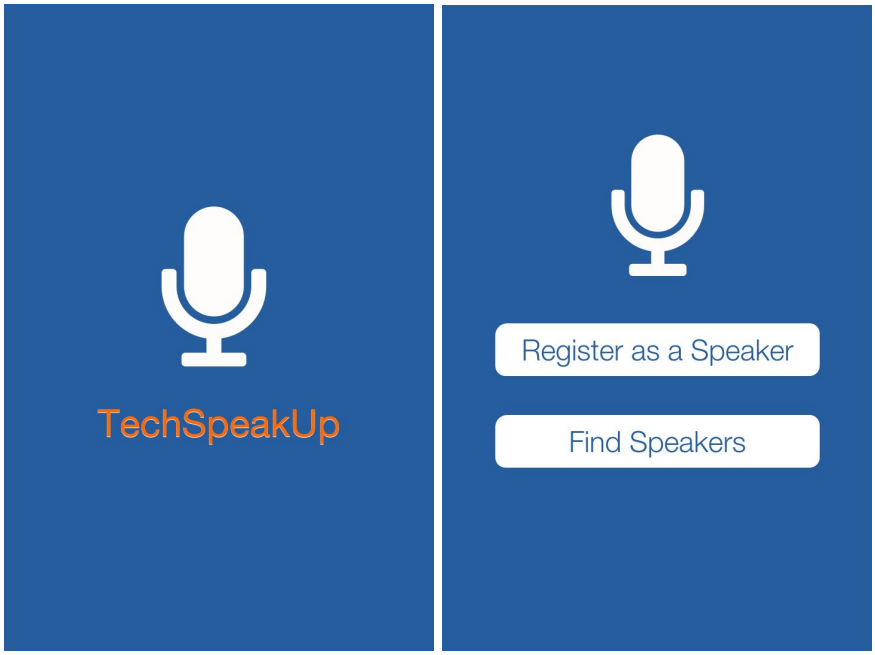
Features

List the main features of your app. For example:

- Locate speakers.
- Speakers Register
- Connect with Speakers.
- Book them for events.

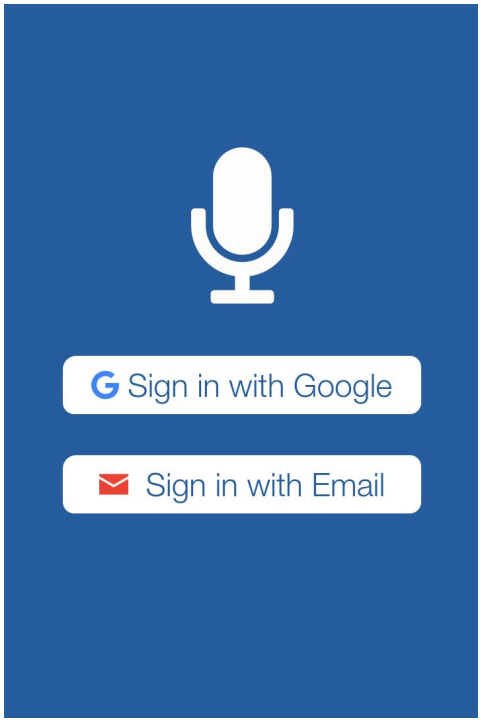
User Interface Mocks

Screen 1



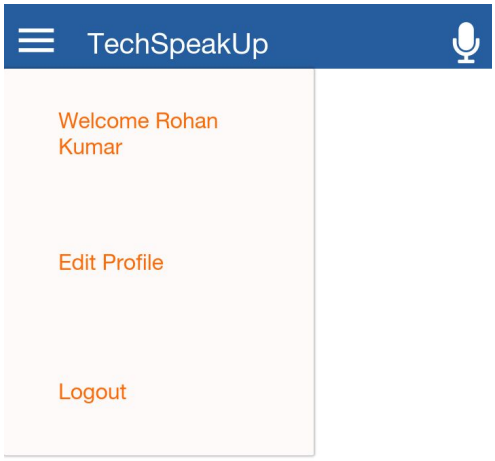
- This the First screen that gets displayed when you install for the first time.
- We have two Dashboards one for the speakers and one for those looking for speakers.

Screen 2



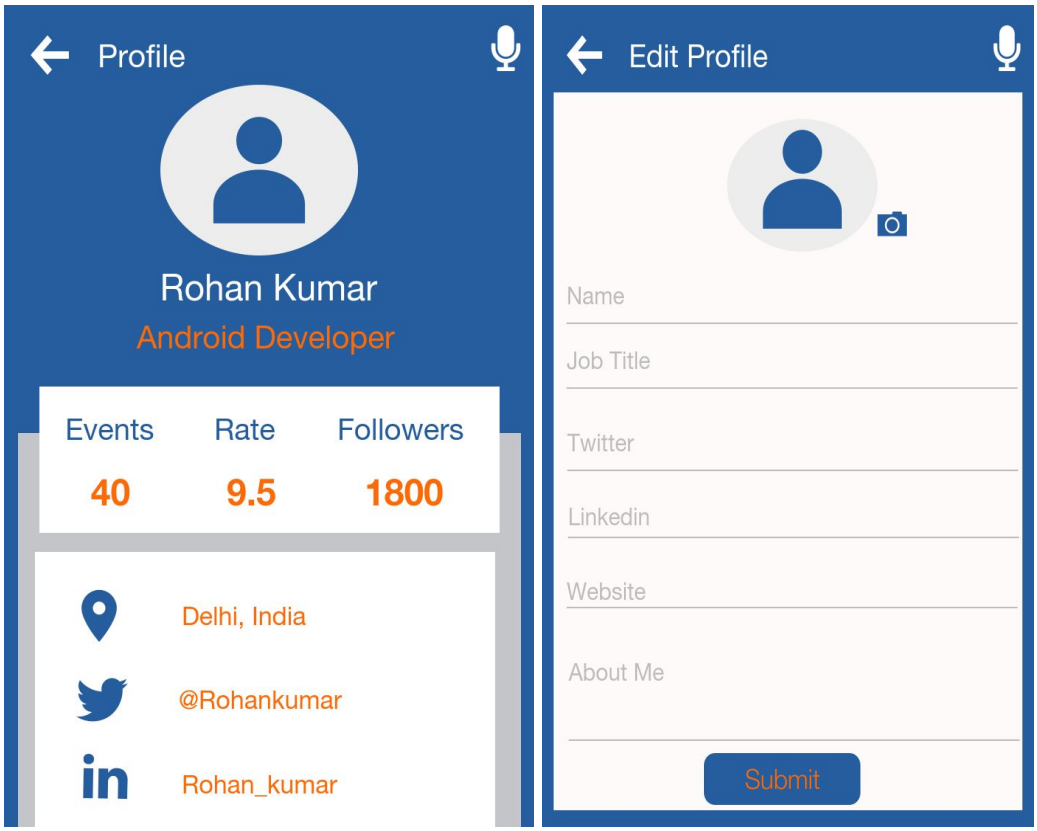
2. Second screen that prompts to register either using Google account or normal Email sign in and this would be done using Firebase Authentication.

Speaker Dashboard Screens



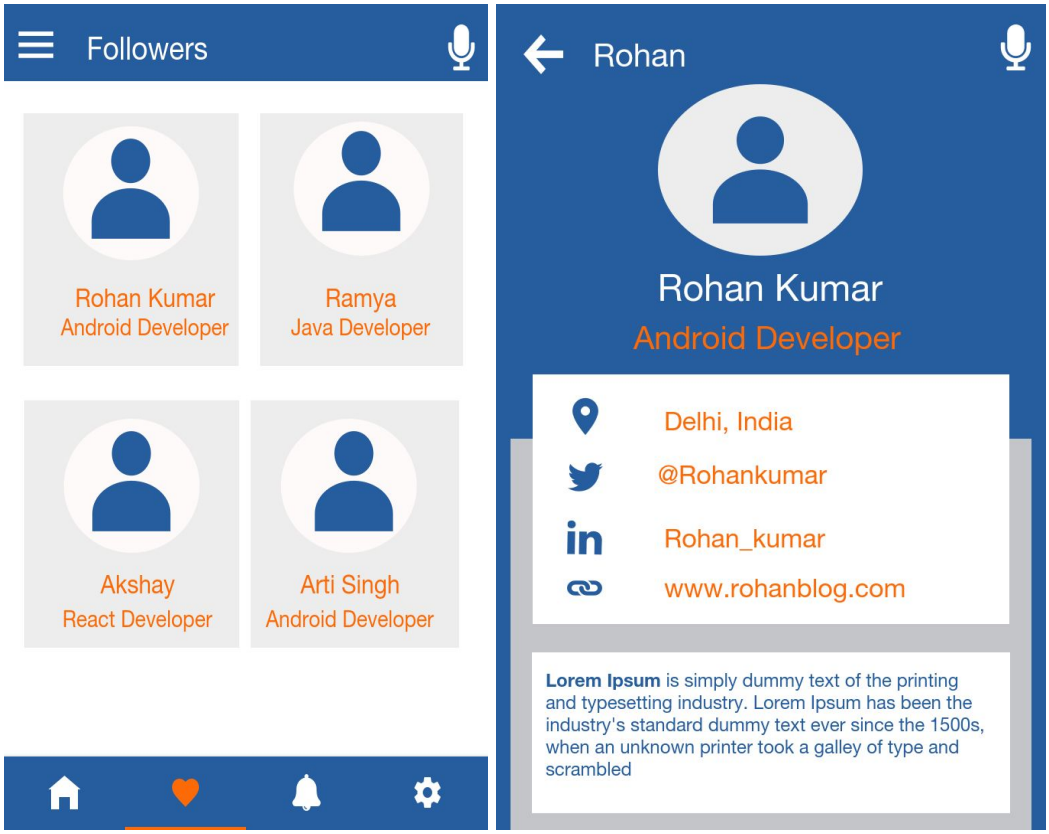
- We have two sections with menu one using hamburger icon on the left corner and another is the bottom navigation menu.
- Left to Right Menu (Profile,followers,notification and Events)
- Main Menu contains(Edit Profile and Logout Options)

Profile Screens



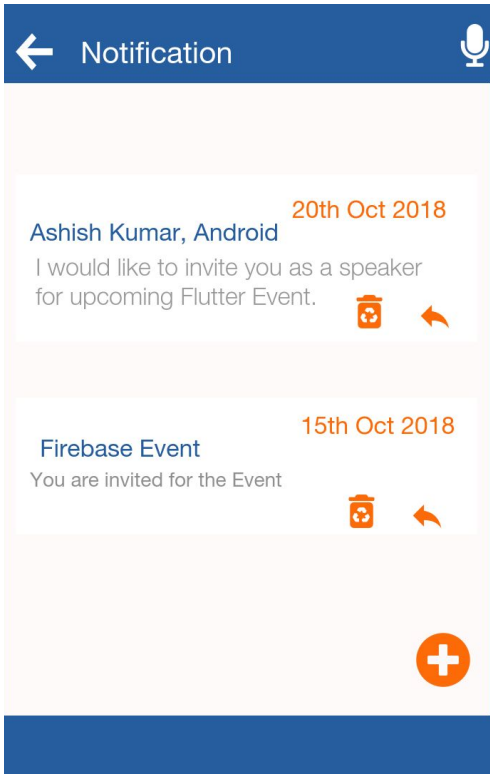
- This Section will help to view and edit the Speaker details, first screen display the Speaker details and second screen allows to update the Profile.

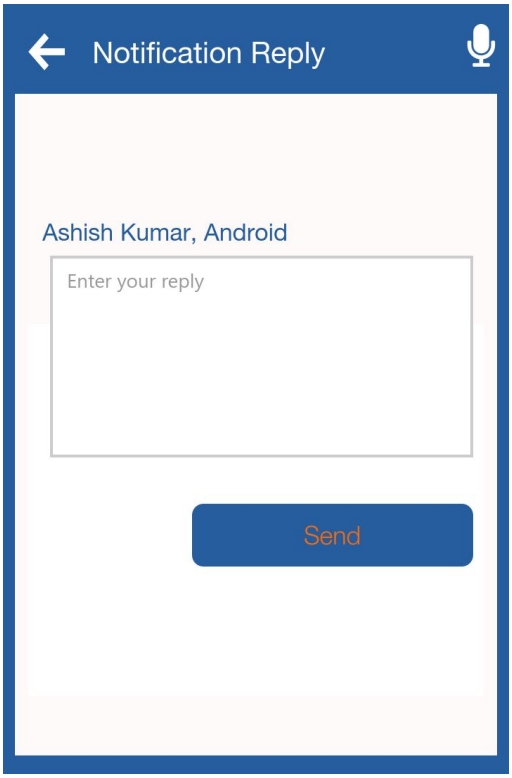
Follower Screen

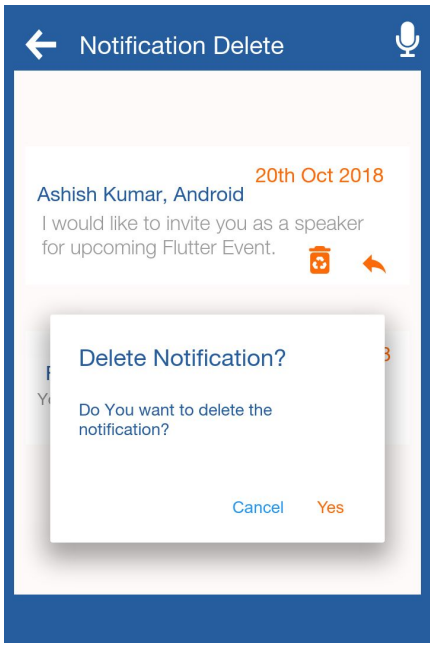


- Speaker can view the list of followers and when clicked on the Followers details the detail screen about the followers appear.
- First Screen - Follower list
- Second Screen - Follower details.

Notification Screen

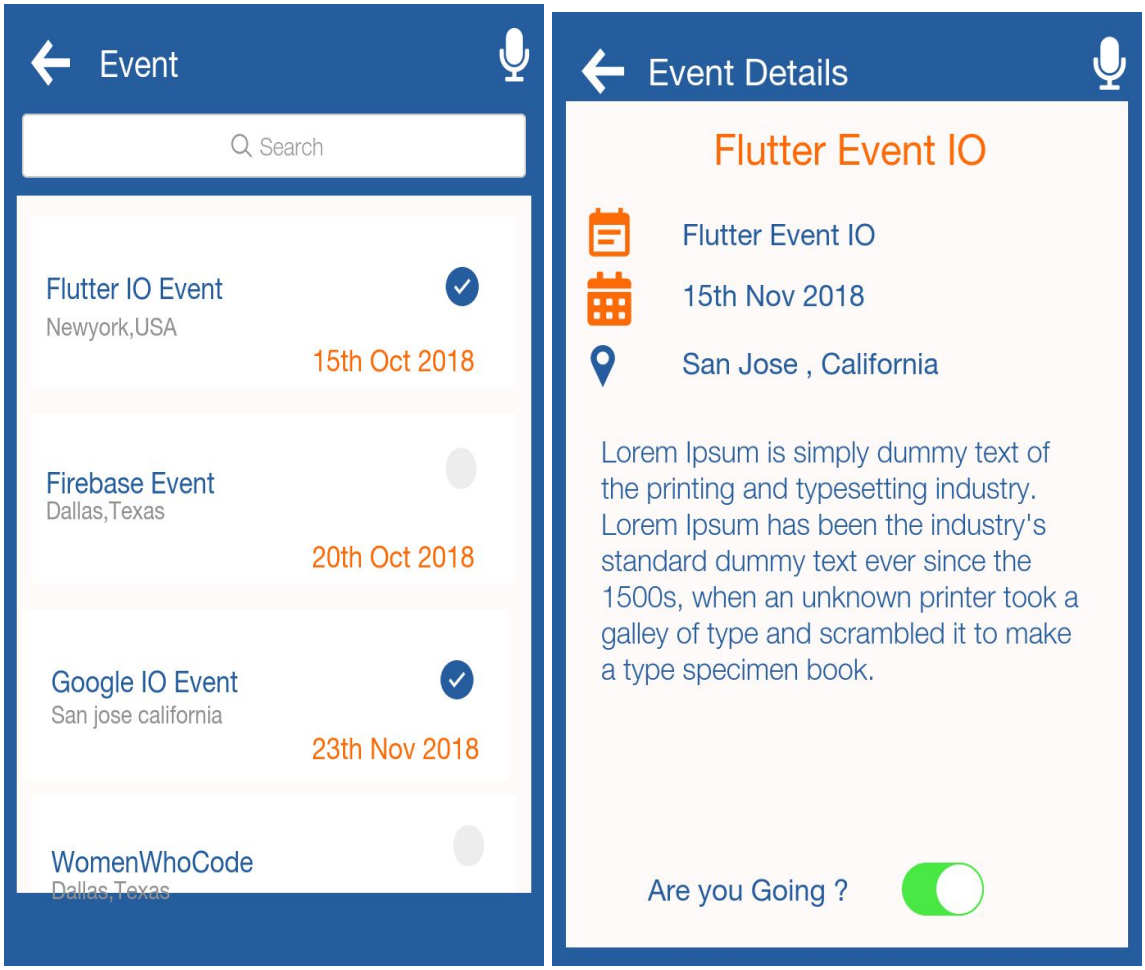






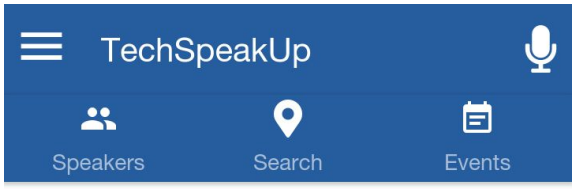
- First Screen gives details of the notification the speaker receives. Every Notification as a “Delete” and “Reply” icons.
- Second Screen appears when you click on “Reply” and you can respond.
- Third screen appears when click on the “Delete” icon which deletes the notifications.

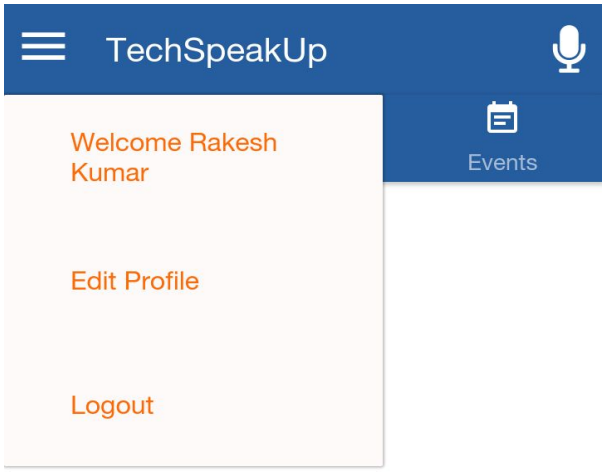
Event Screen



- First Screen gives the details of all the events occurring and you can also filter your search.
- Second screen gives the details of the individual event when clicked on it and also you have the provision to set if you going or not. This indication is only for your reference, this no where communicates to the event organizer.

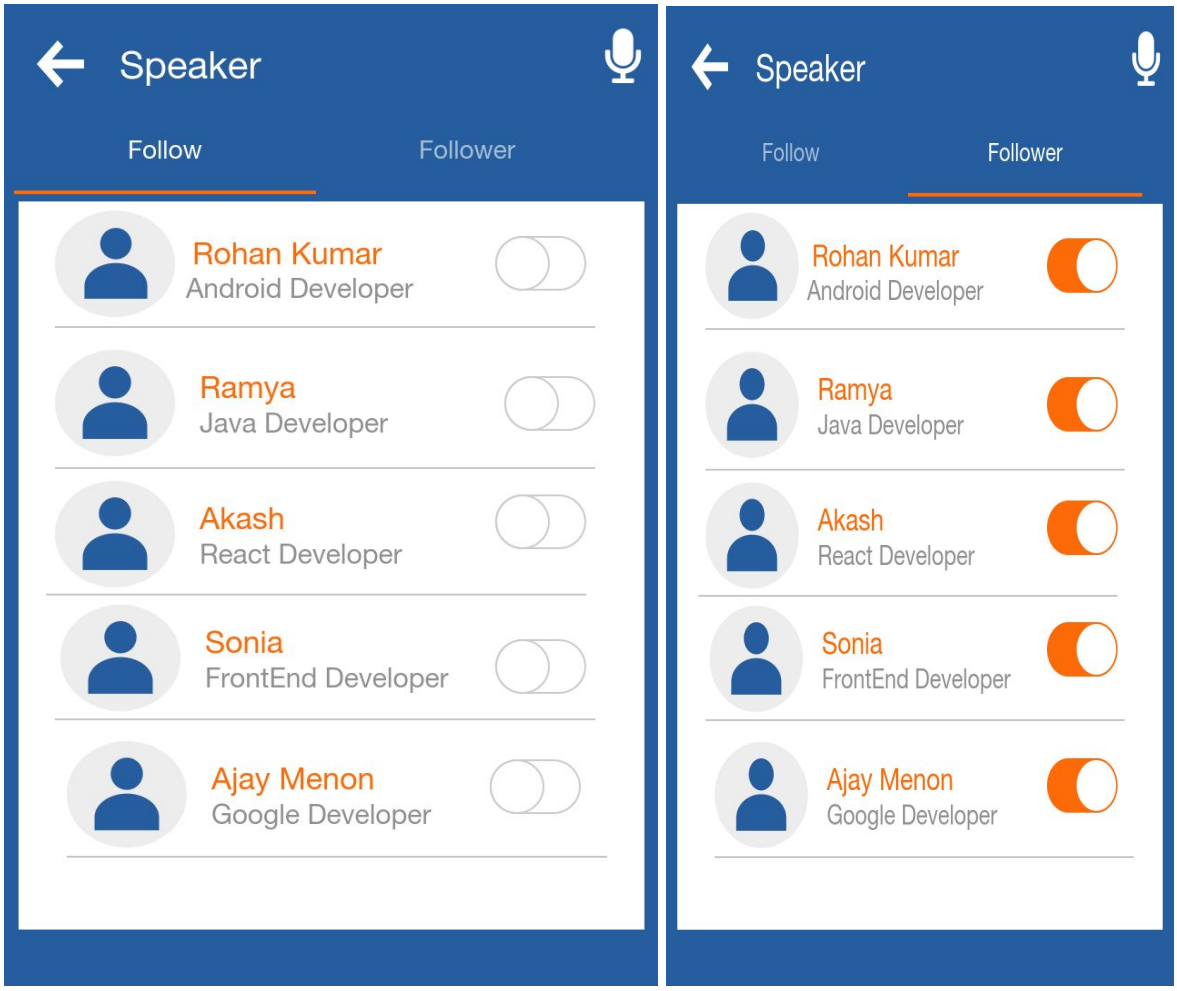
Find Speakers.





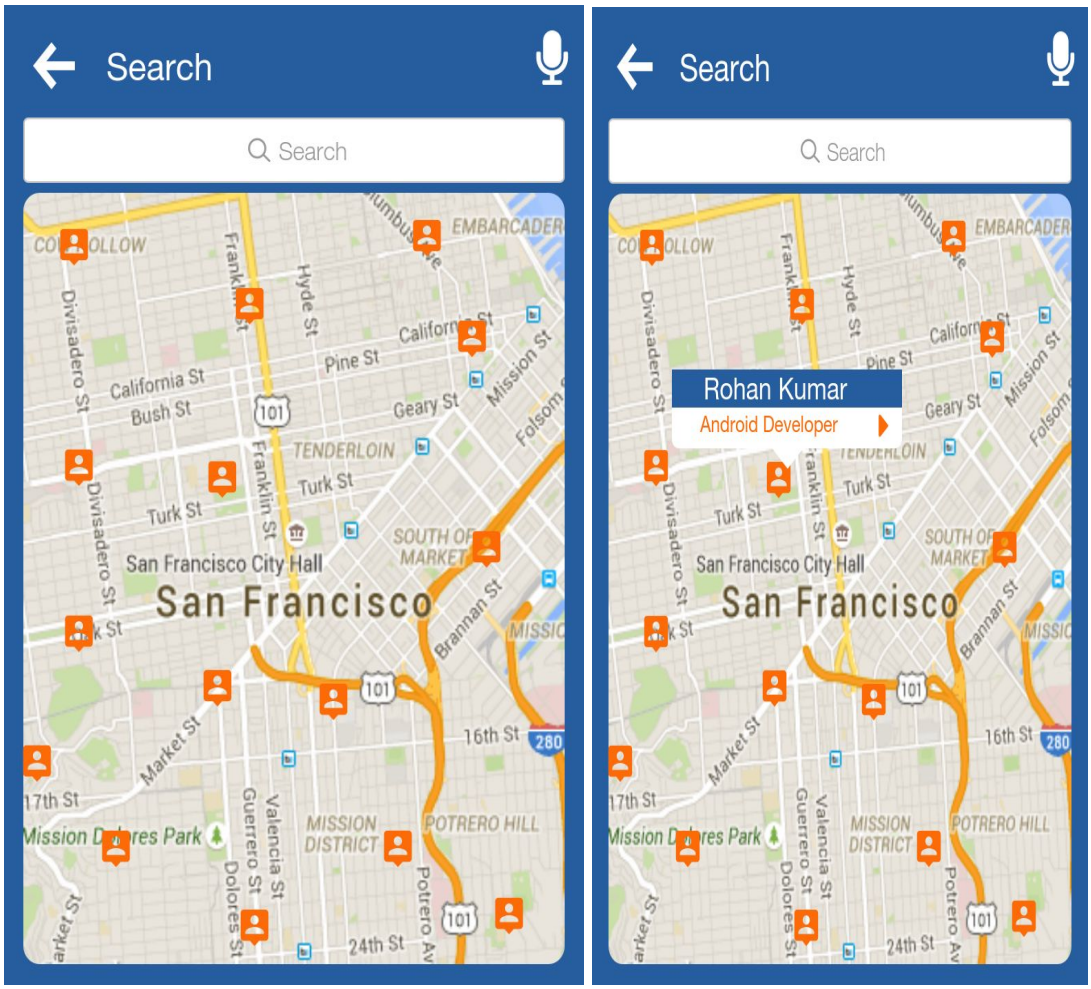
- This is the user Dashboard.
- We have 3 tab slider(speakers,search speakers,events)
- Bottom Navigation Menu bar (Home,profile,notification and settings)
- Menu items(Edit profile, Logout)

Follower Details.



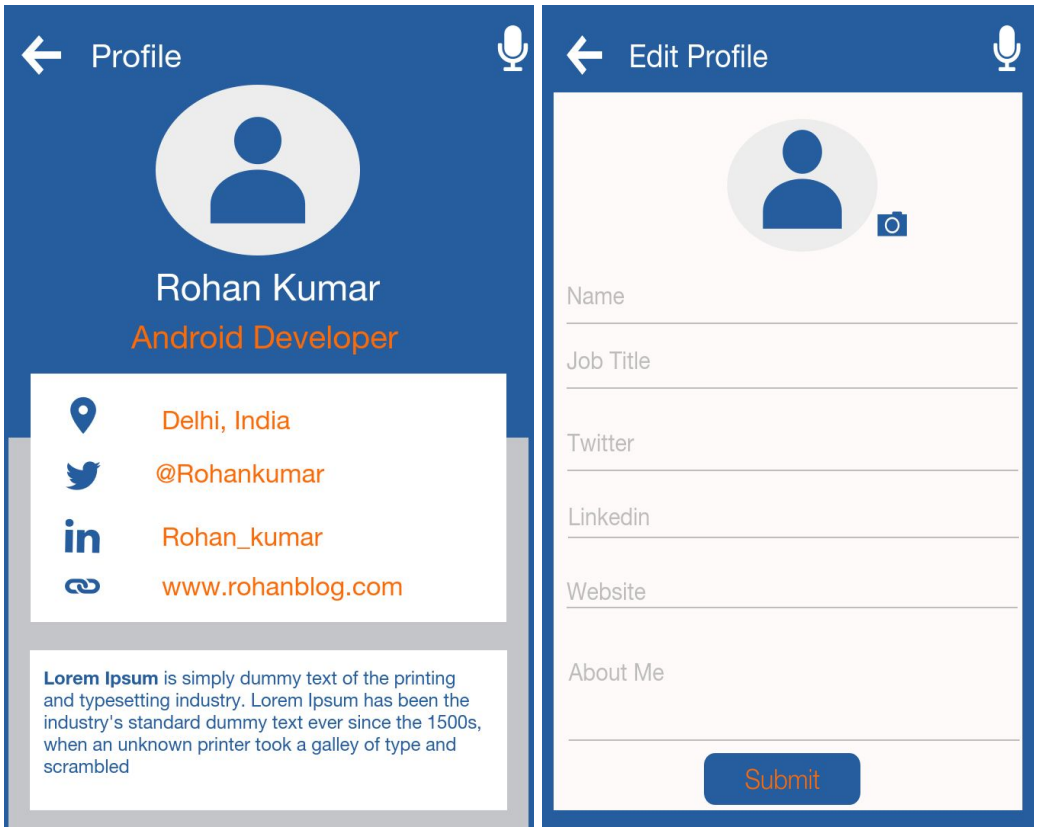
- This screen contains Tabbed layout with first one being “Follow screen” which display the list of Speakers which you can follow by click on the switch button.
- The Follower tab gives the list of followers you are following.

Search Screen



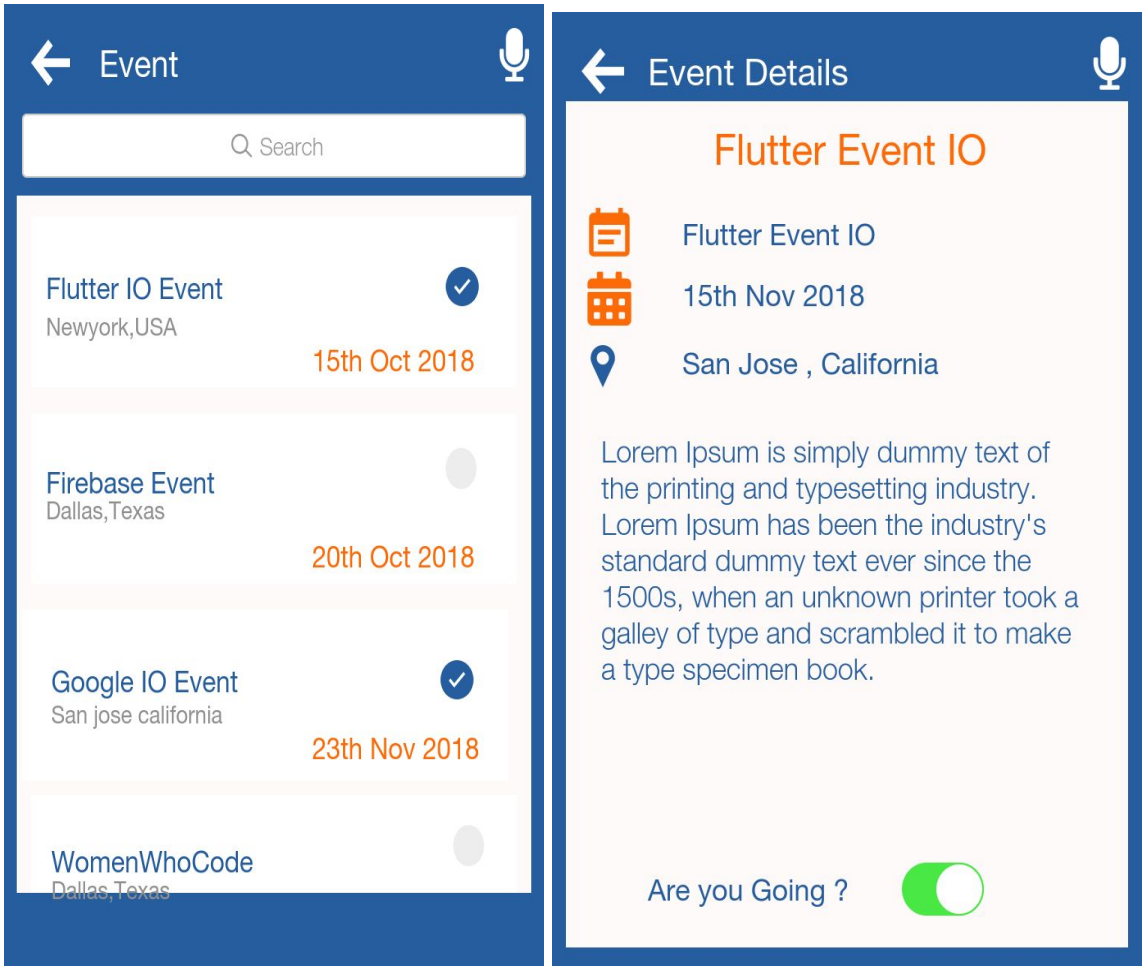
- This is Search Speaker screen that will allow you to search speaker based on your location and if you click on the map tooltip you get a brief detail about the speaker as shown in screen 2.
- On the second screen you can find the arrow when clicked it will navigate to the details screen of the speaker.

Profile Screens.



- This Section will help to view the profile details, first screen display your profile details and on the second screen you an update your profile.

Event Screen.



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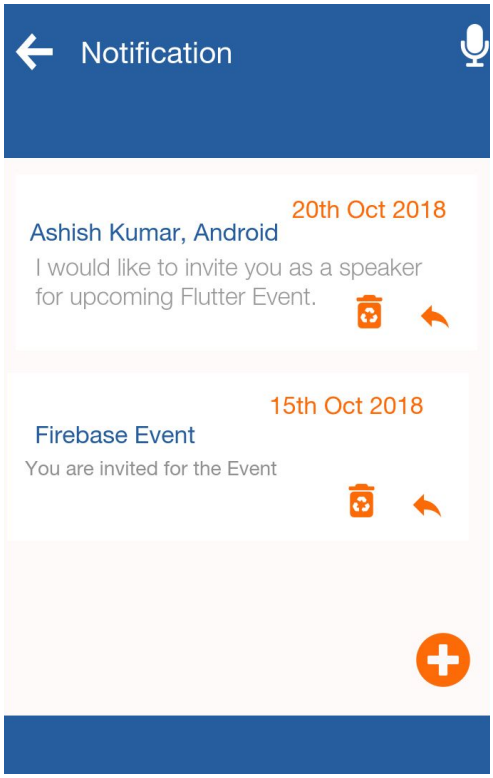
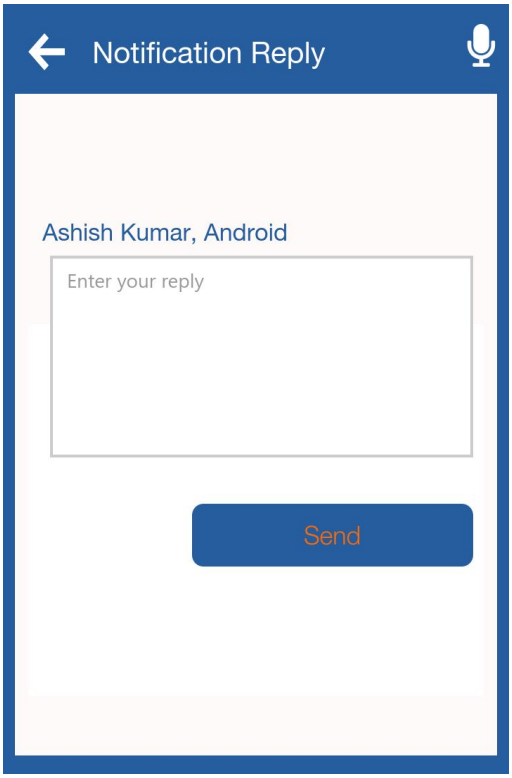
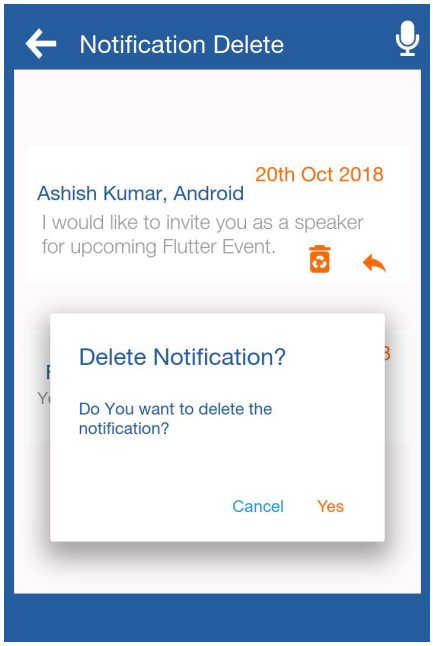
- Second screen gives the details of the individual event when clicked on it and also you have the provision to set if you going or not. This indication is only for your reference, this no where communicates to the event organizer.

Notification Screen.







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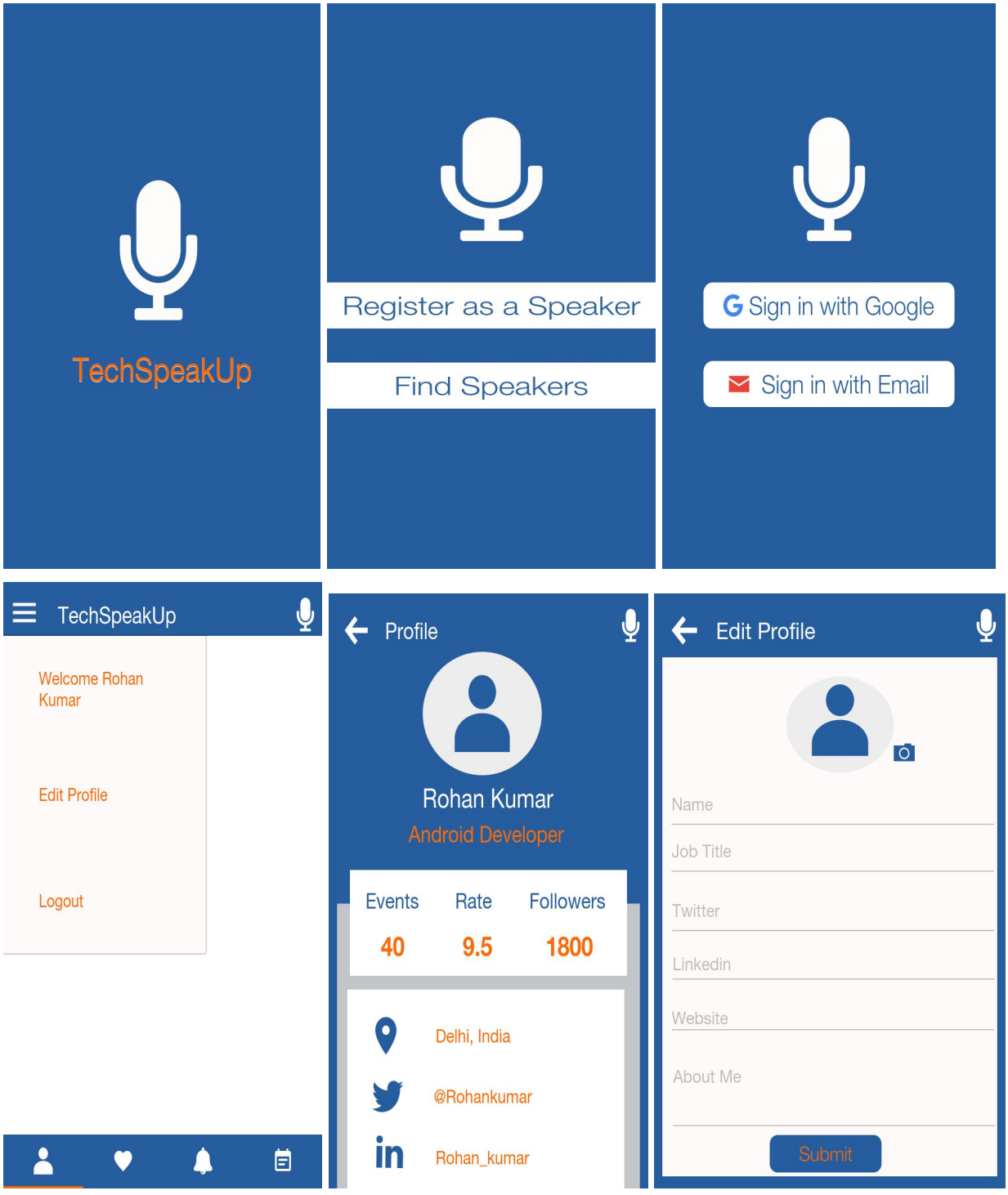
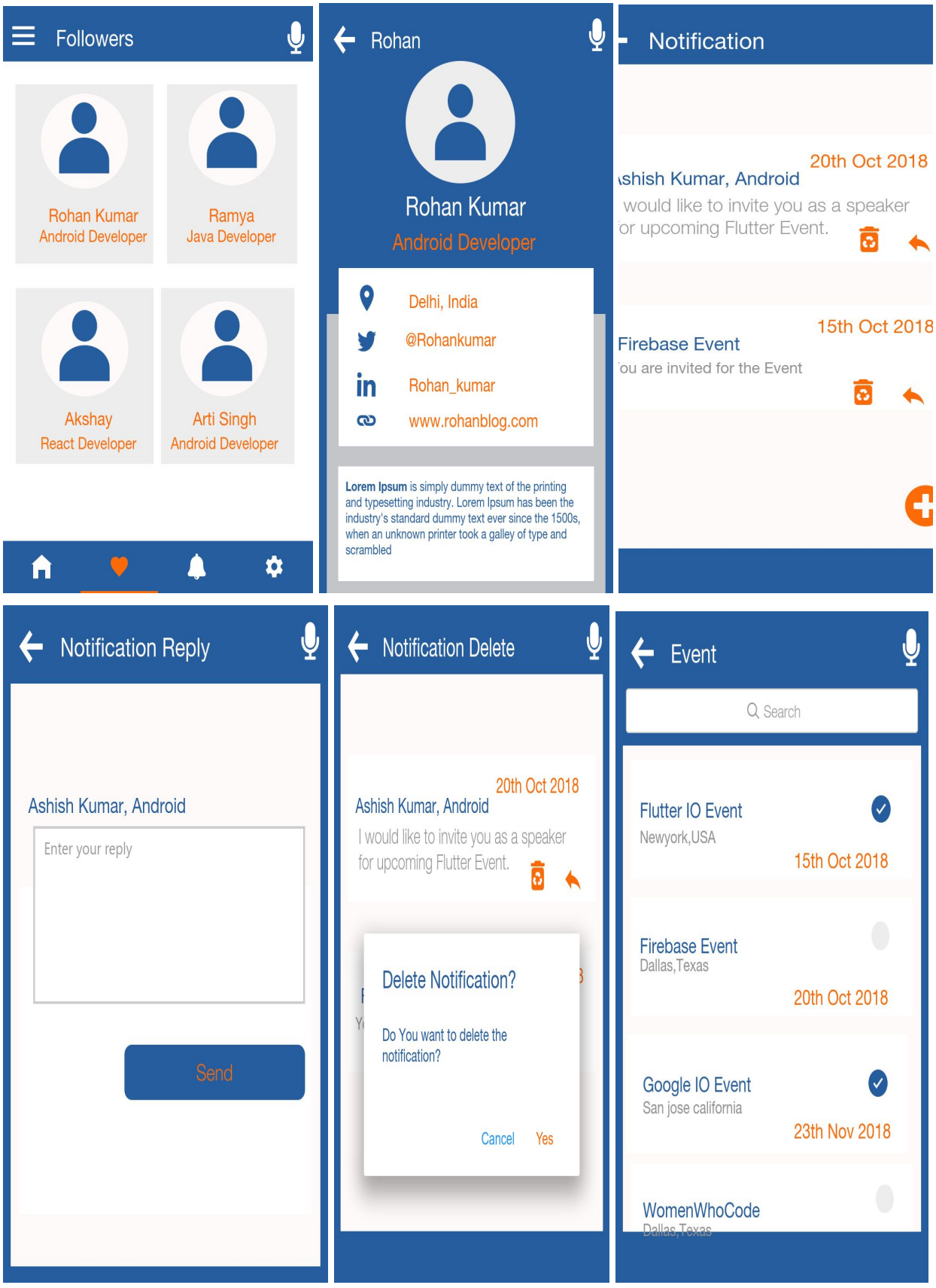
- Third screen appears when click on the “Delete” icon which deletes the notifications.

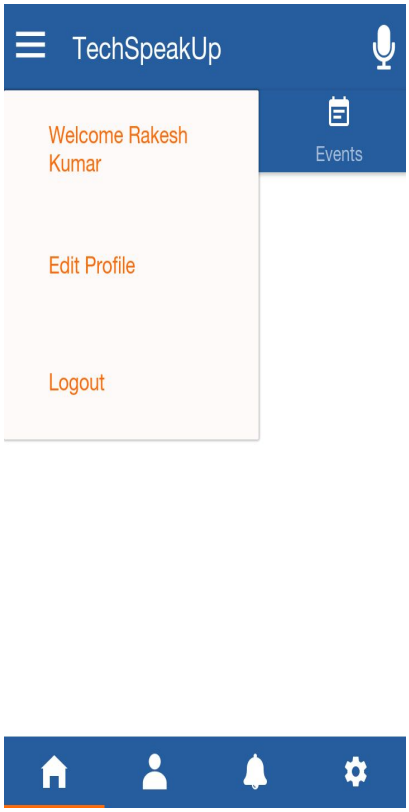
All MockUI

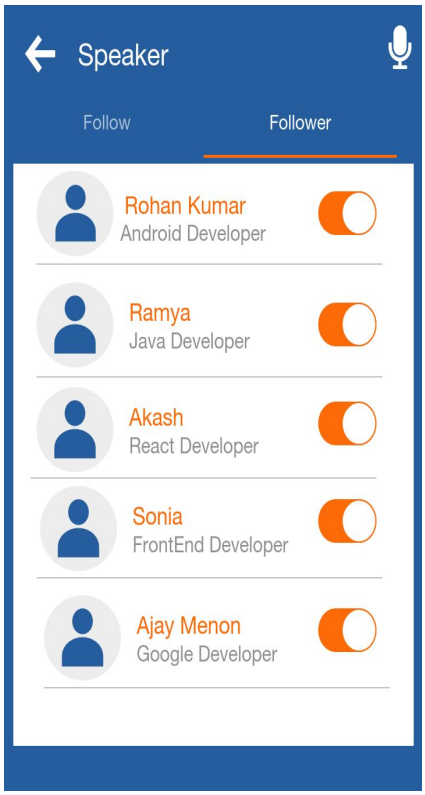

TechSpeakUp
Register as a Speaker
Find Speakers
Sign in with Google
Sign in with Email
TechSpeakUp
Welcome Rohan Kumar
Edit Profile
Logout
Profile
Rohan Kumar
Android Developer
Events
Rate
Followers
40
9.5
1800
Delhi, India
@Rohankumar
Rohan_kumar
Edit Profile
Name
Job Title
Twitter
Linkedin
Website
About Me
Submit

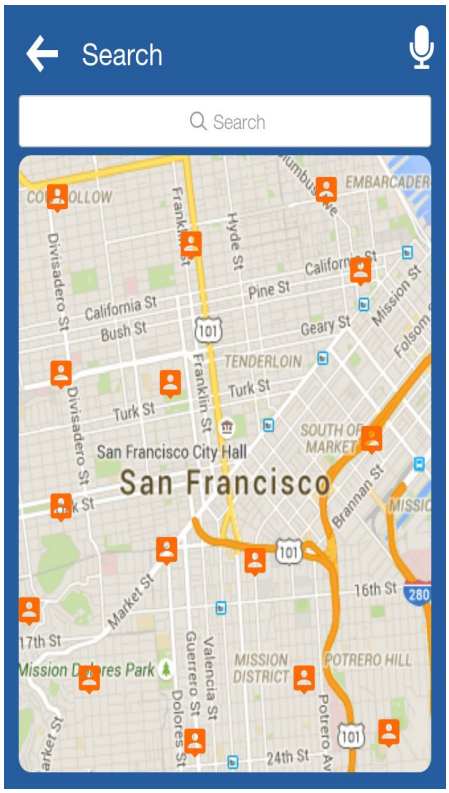

Followers
Rohan Kumar
Android Developer
Ramya
Java Developer
Akshay
React Developer
Arti Singh
Android Developer
Rohan
Rohan Kumar
Android Developer
Delhi, India
@Rohankumar
Rohan_kumar
www.rohanblog.com
Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled
Notification
20th Oct 2018
ashish Kumar, Android
would like to invite you as a speaker
or upcoming Flutter Event.
15th Oct 2018
Firebase Event
ou are invited for the Event
Notification Reply
Ashish Kumar, Android
Enter your reply
Send
Notification Delete
20th Oct 2018
Ashish Kumar, Android
I would like to invite you as a speaker
for upcoming Flutter Event.
Delete Notification?
Do You want to delete the notification?
Cancel
Yes
Event
Search
Flutter IO Event
Newyork,USA
15th Oct 2018
Firebase Event
Dallas,Texas
20th Oct 2018
Google IO Event
San jose california
23th Nov 2018
WomenWhoCode
Dallas,Texas

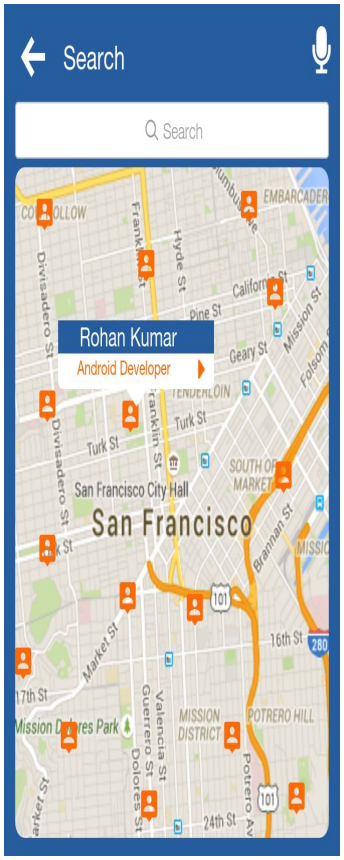

Event Details
Flutter Event IO
Flutter Event IO
15th Nov 2018
San Jose , California
Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.
Are you Going ?

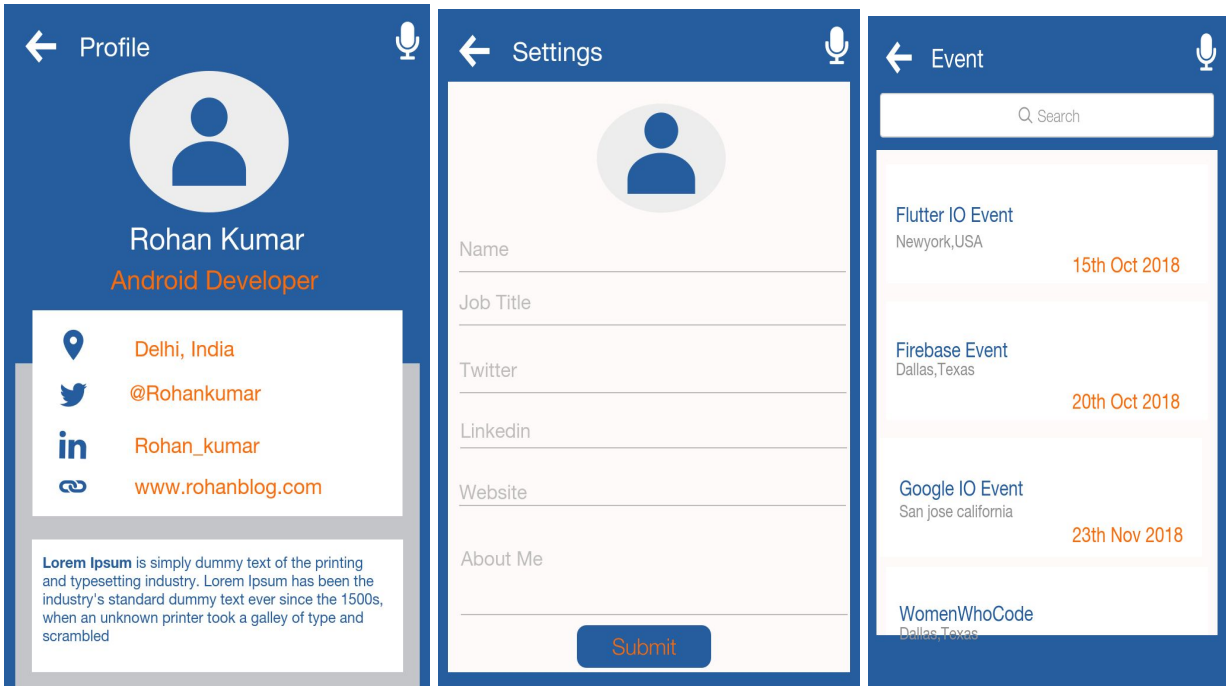

TechSpeakUp
Speakers
Search
Events


TechSpeakUp
Events
Welcome Rakesh Kumar
Edit Profile
Logout


Speaker
Follow
Follower
Rohan Kumar
Android Developer
Ramya
Java Developer
Akash
React Developer
Sonia
FrontEnd Developer
Ajay Menon
Google Developer


Search
Search
San Francisco
San Francisco City Hall
EMBARCADERO
TENDERLOIN
SOUTH OF MARKET
MISSION DISTRICT
POTRERO HILL


Search
Search
Rohan Kumar
Android Developer
San Francisco
San Francisco City Hall


Profile
Rohan Kumar
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@Rohankumar
Rohan_kumar
www.rohanblog.com
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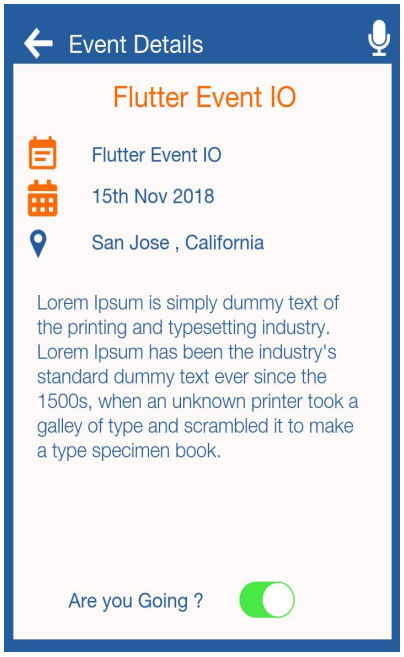
Settings
Name
Job Title
Twitter
Linkedin
Website
About Me
Submit
Event
Search
Flutter IO Event
Newyork,USA
15th Oct 2018
Firebase Event
Dallas,Texas
20th Oct 2018
Google IO Event
San jose california
23th Nov 2018
WomenWhoCode
Dallas,Texas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Flutter Event IO
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15th Nov 2018
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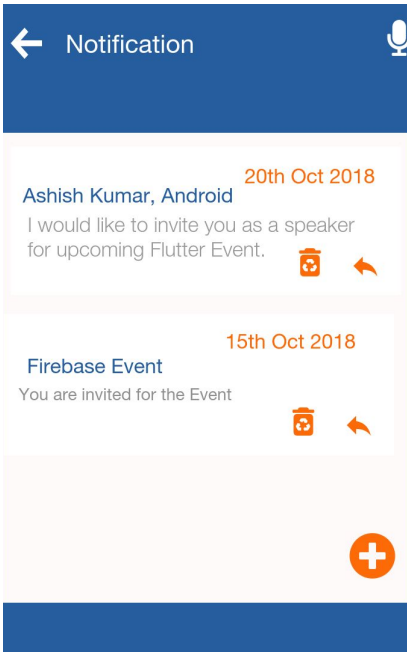
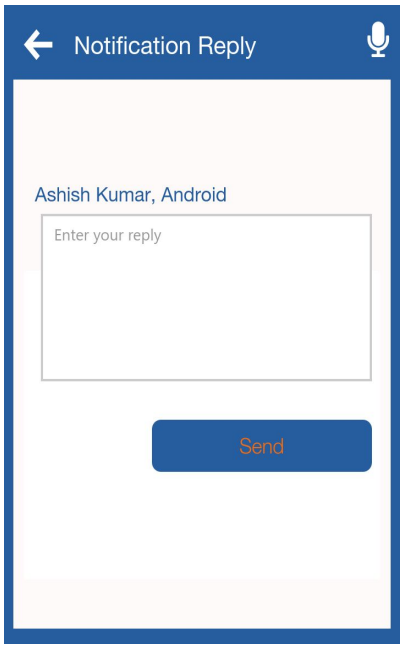
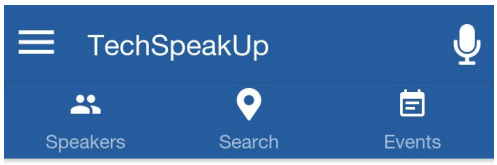
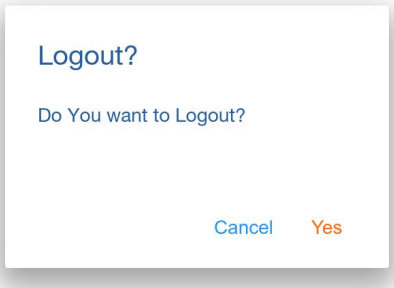
Are you Going ?


Notification
20th Oct 2018
Ashish Kumar, Android
I would like to invite you as a speaker for upcoming Flutter Event.
15th Oct 2018
Firebase Event
You are invited for the Event


Notification Reply
Ashish Kumar, Android
Enter your reply
Send


TechSpeakUp
Speakers
Search
Events


Logout?
Do You want to Logout?
Cancel
Yes

Key Considerations

How will your app handle data persistence?

I am planning to use Firebase Realtime Database to store all the speaker and Visitor data.

Describe any edge or corner cases in the UX.

If User goes offline use of firebase Realtime database caching features to preserve some user data until connectivity is regained.

User clicks back - while editing profile, or responding to notification , if back is pressed stating asking if they would like to discard.

Describe any libraries you'll be using and share your reasoning for including them.

Glide or Picasso - for handling image loading.
Firebase - Sign In and Realtime Database.
CircleImageView - For Circle images.
RippleEffect - For ripple effect when button clicked.
ButterKnife - Boilerplate code

Describe how you will implement Google Play Services or other external services.

- I will use Firebase Authentication for login.
- I will use Firebase Realtime Database for data storage.
- I will be using Google Location/Google Maps for speaker location and also display clusters of speakers.

Task 1: Project Setup

1. Create Android Project, Github setup
2. Collate all the required libraries.

Task 2:Firebase Setup

1. Create project on firebase console.
2. Add required dependencies in the project.
3. Set the Realtime Database.
4. Set FCM for notification.
5. Set Rules and Authentication as required.

Task 3: Google Maps Setup

1. Google Play service SDK with Google Repository .
2. Get the Google maps Api Key.

Task 4: UI

1. Make sure all the resources are set, like icons, colors, images, style.
2. Start creating UI mockups using Material design guidelines and make it responsive.
3. Usage of proper layouts for all the screen to ensure it is looks fine in both landscape and portrait mode.

Task 5: Subtasks

1. Common screen
2. Speakers Dashboard and corresponding screens
3. Visitor Dashboard and corresponding screens
4. Dialogs.menu,notification

Task 6: Data

1. Query Database for retrieving and updating speaker details.
2. Also getting speaker detail based on their location and role type.

Task 6: Notification

1. Implement notification feature using Firebase FCM. which will help to send notification when a new event occurs.

Task 7: Testing

1. Creating test case to make sure the app is full functional as expected without crashing.

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
    - Make sure the PDF is named "**Capstone_Stage1.pdf**"
- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"