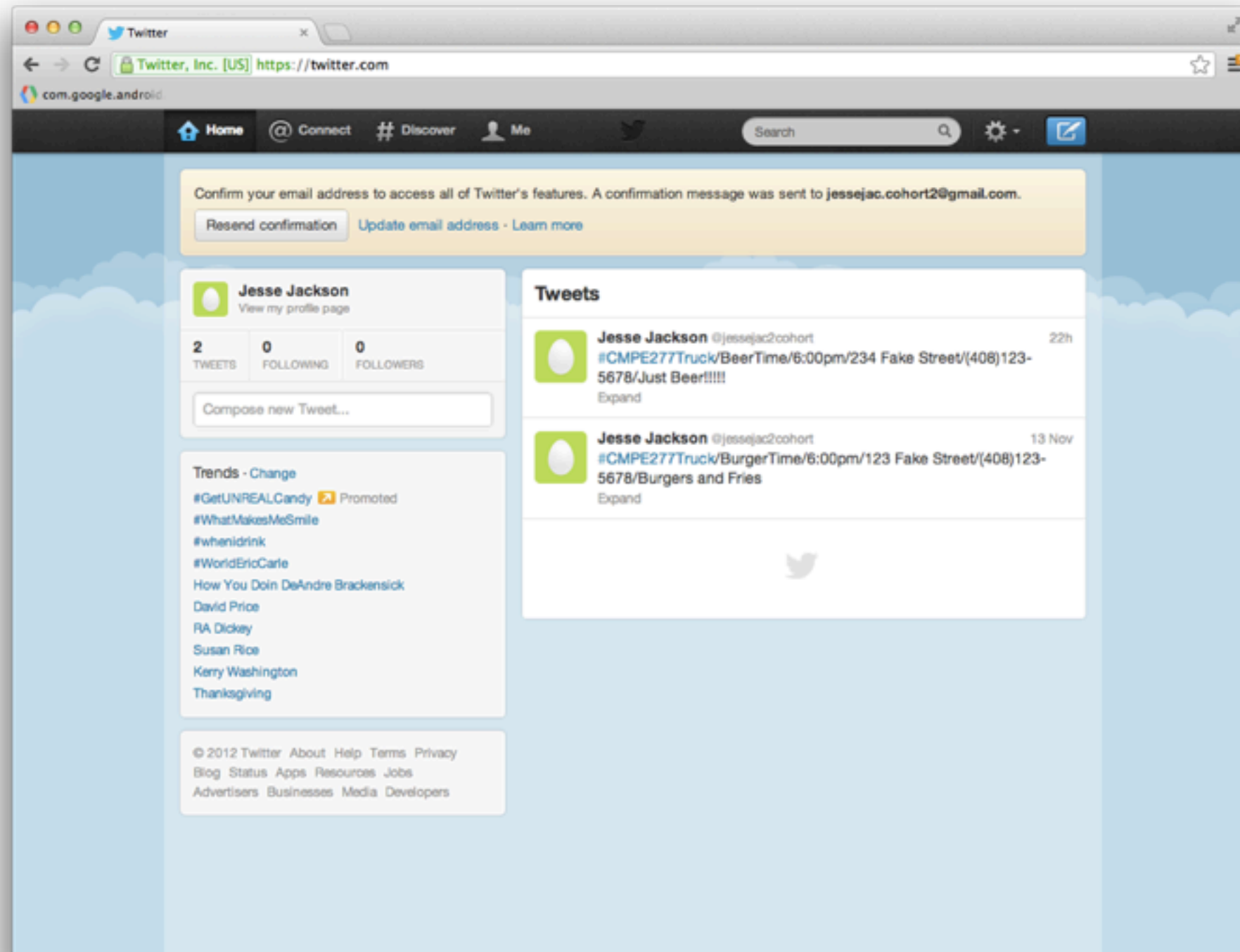


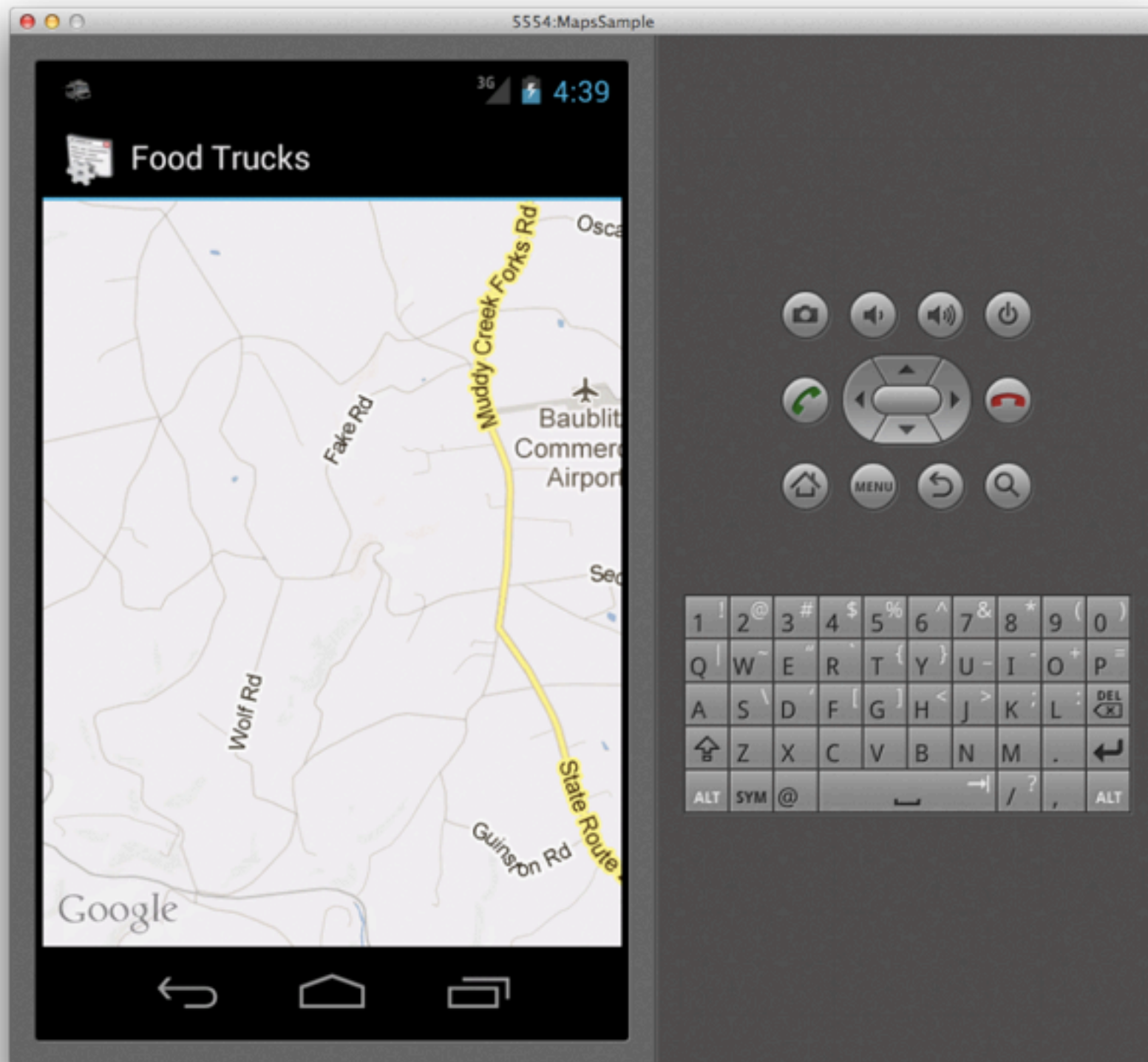
Food Truck App

and you know where your food is ...

Base data provider - Twitter



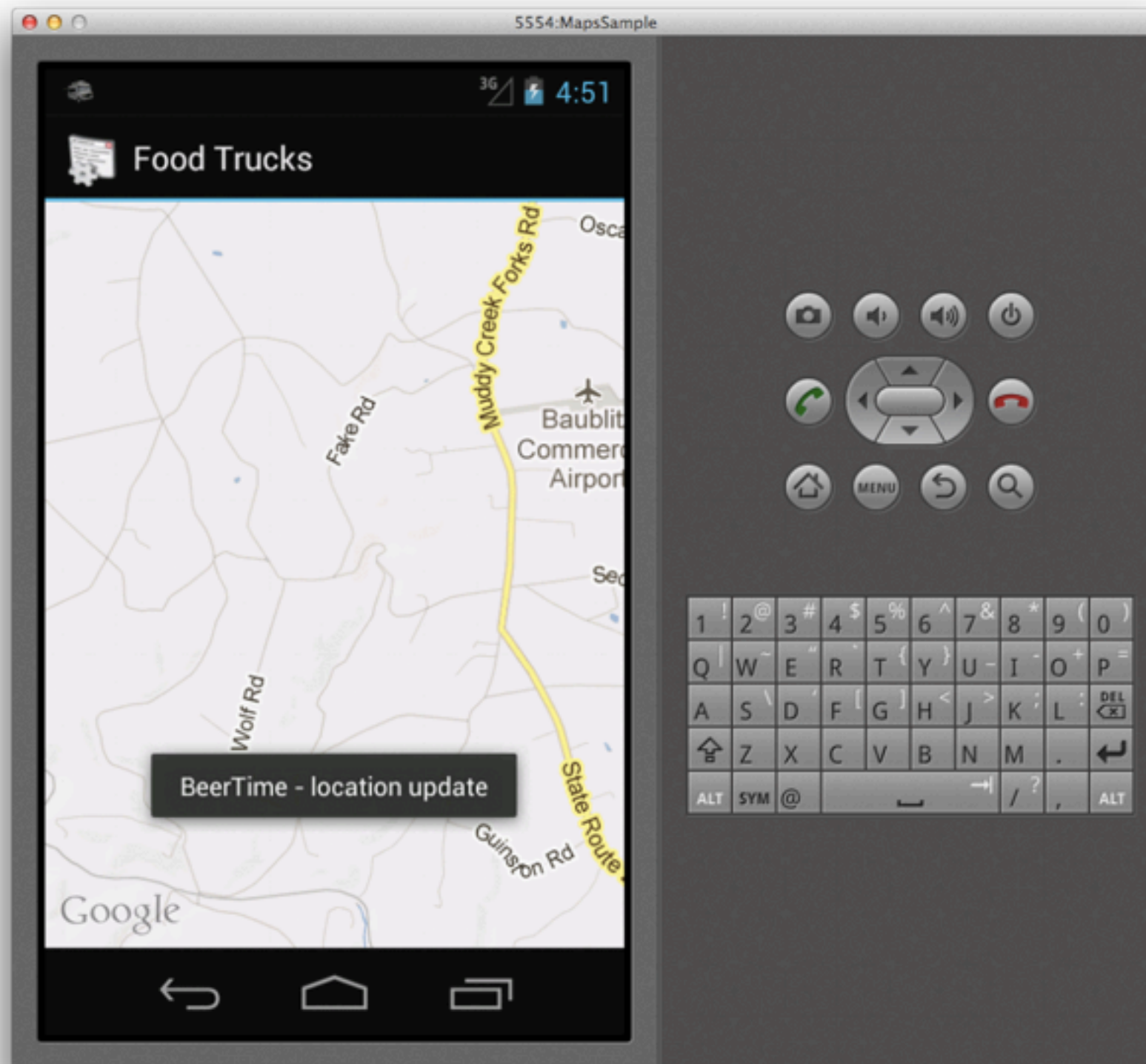
- Food Trucks broadcast upcoming event via Twitter
- Twitter account to post structured data:
 - HashTag / name / time / address / phone number / description



● App

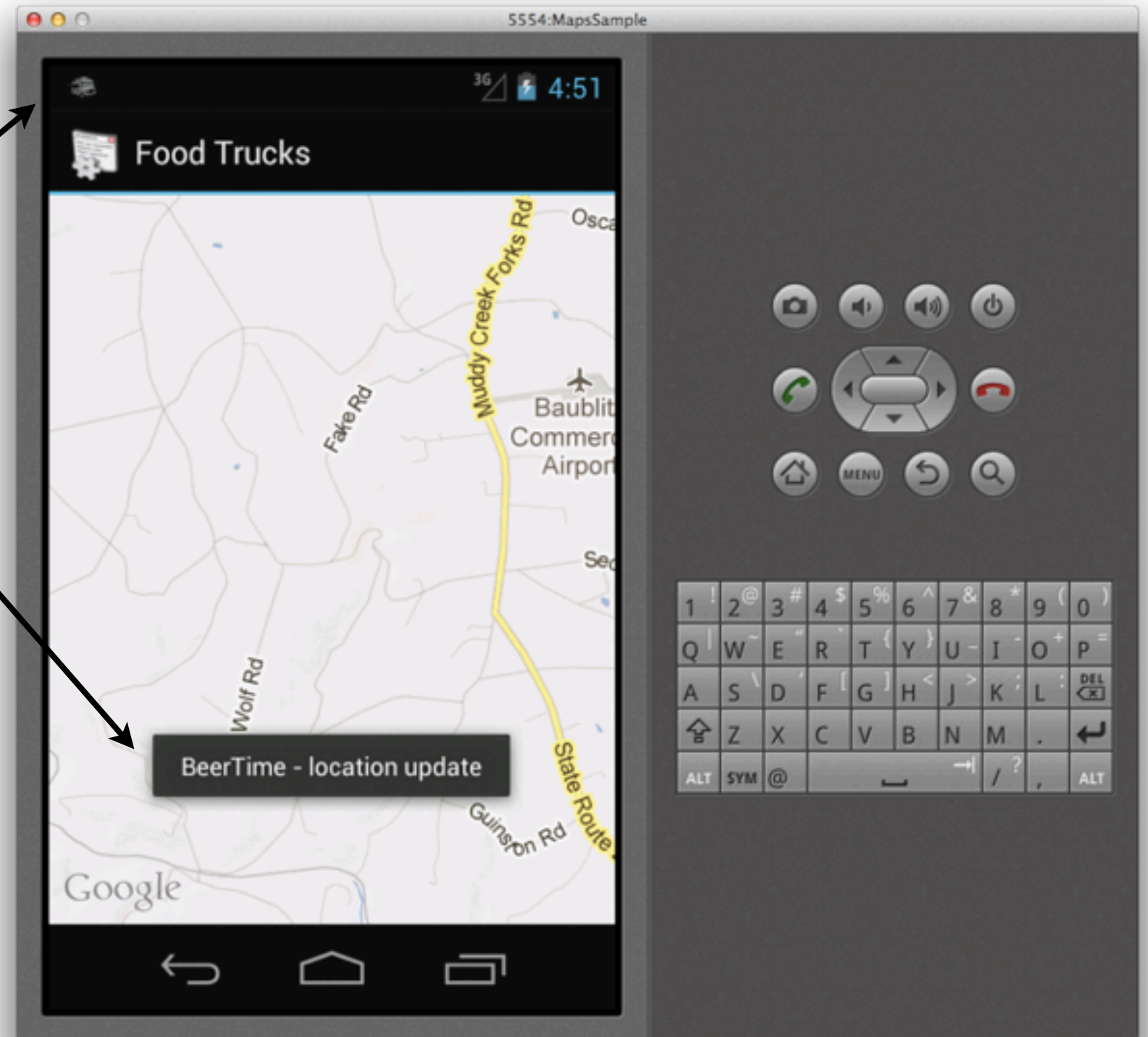
- Main App Activity: MapActivity
- Starts an unbound service
 - worker thread, invokes Twitter REST API to get most recent tweet with FoodTruck HashTag
- poll on REST API every 5 seconds
- Remembers last tweetID via SharedPreferences

Food Truck tweets event



- Service receives tweet
 - Parses tweet from JSON into a FoodTruck object
 - BroadCasts FoodTruck object Android OS

Food Truck App receives event



- Broadcast receiver creates:

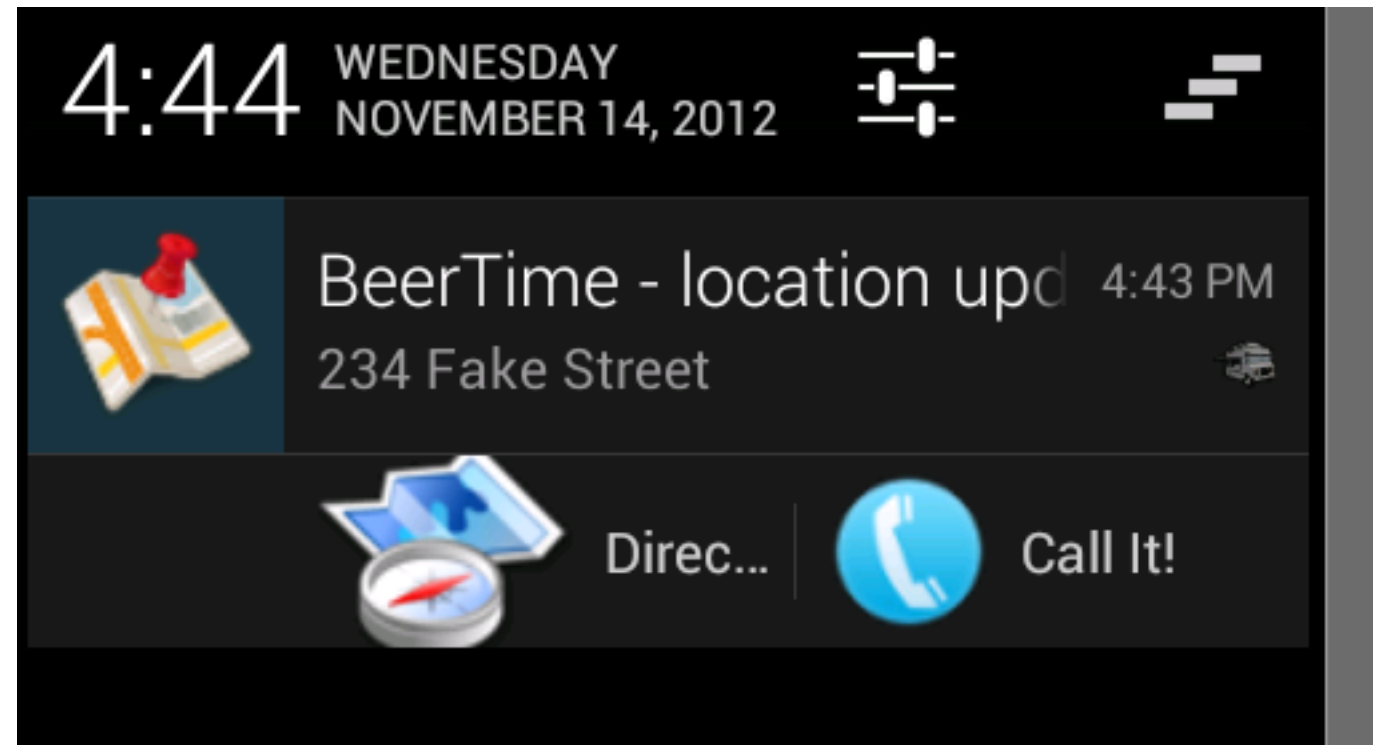
- UI Notification with three pending Actions / Intents

- Toast

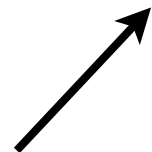
Notification handling

- Pending notification intents:

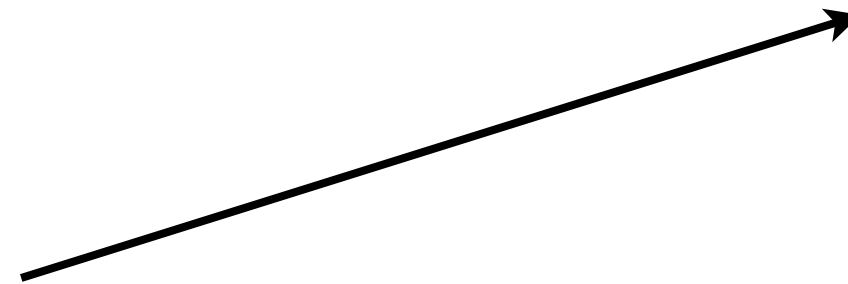
- Project FoodTruck on map



- Get Directions to FoodTruck

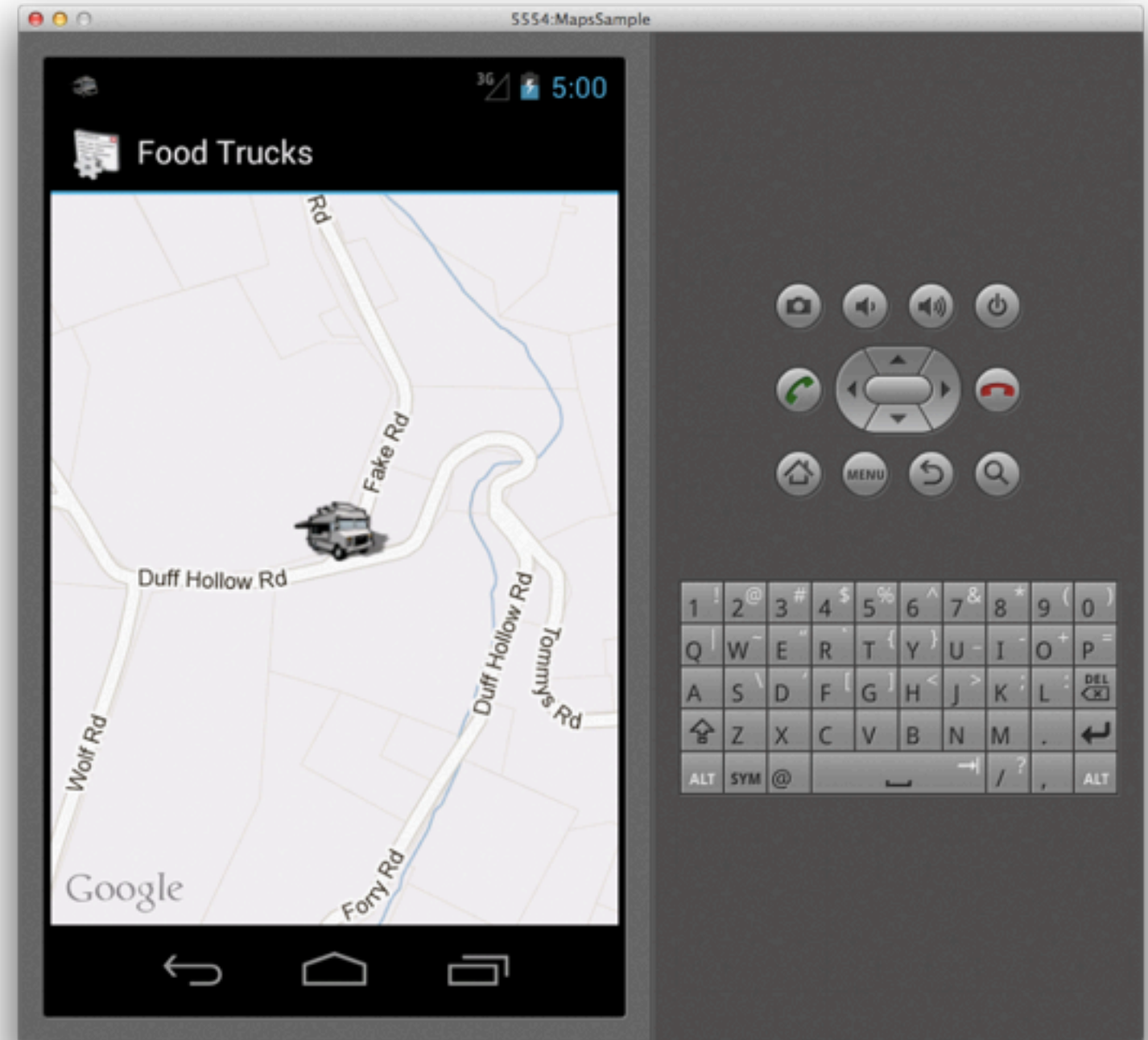


- Call Foodtruck



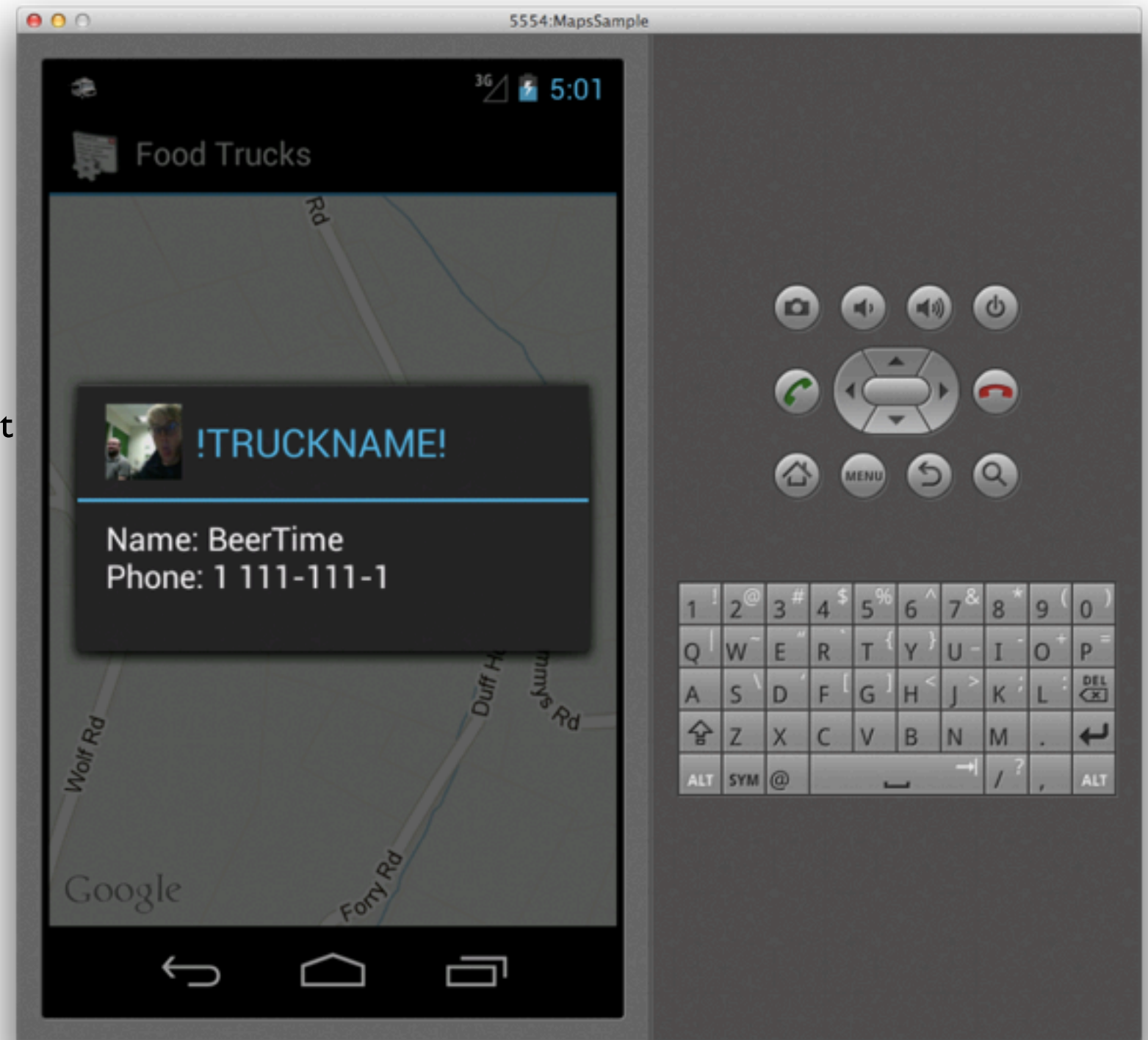
Map FoodTruck

- GMaps API to resolve address in tweet
- FoodTruck picture is ItemizedOverlay
- can be clicked on



Map FoodTruck

- Tapped FoodTruck display Toast:
 - Information pulled from Contacts
 - Mapped by Name mentioned in tweet
 - Using a ContentResolver query

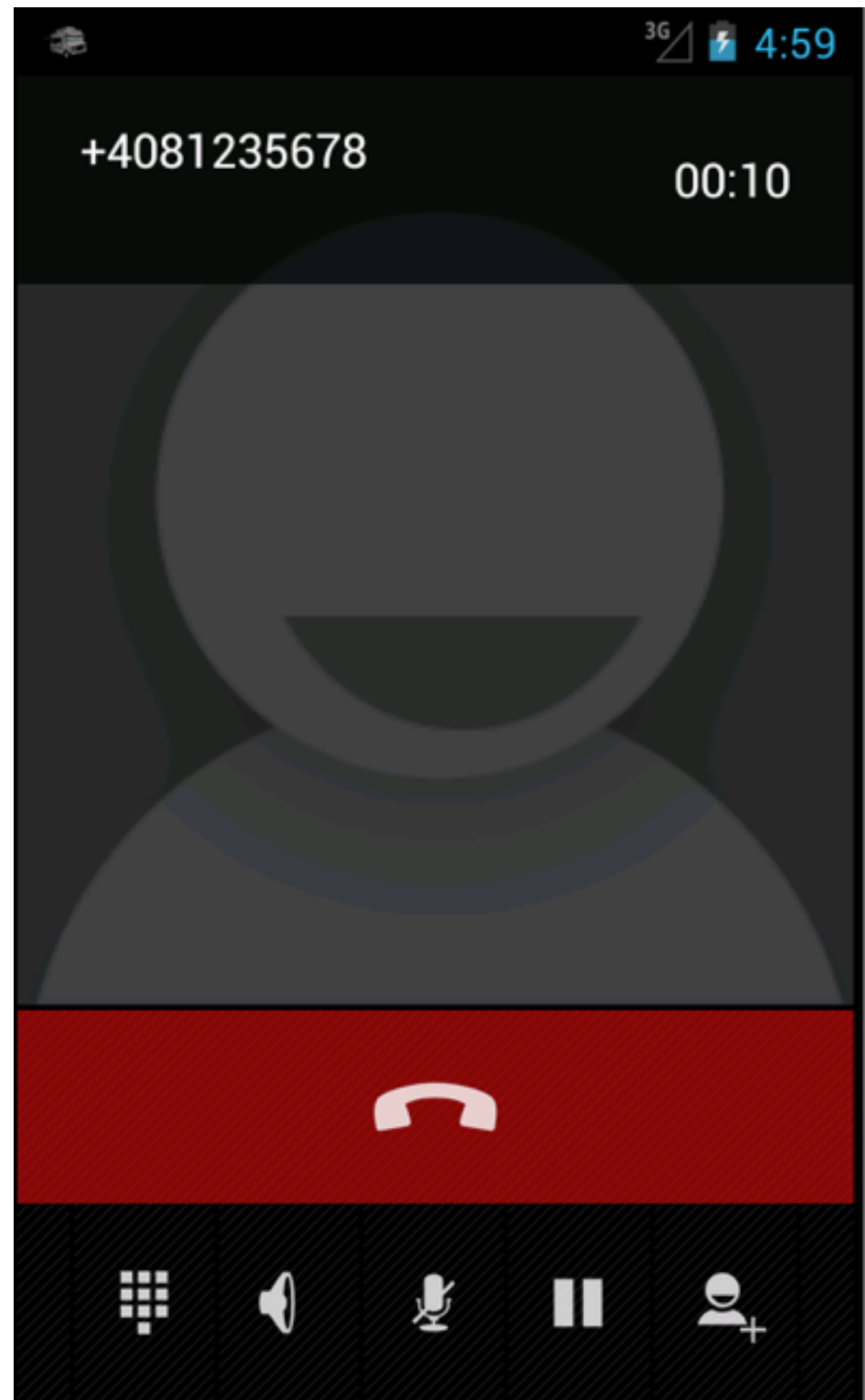


Get Directions to FoodTruck

- Gmaps API for Directions



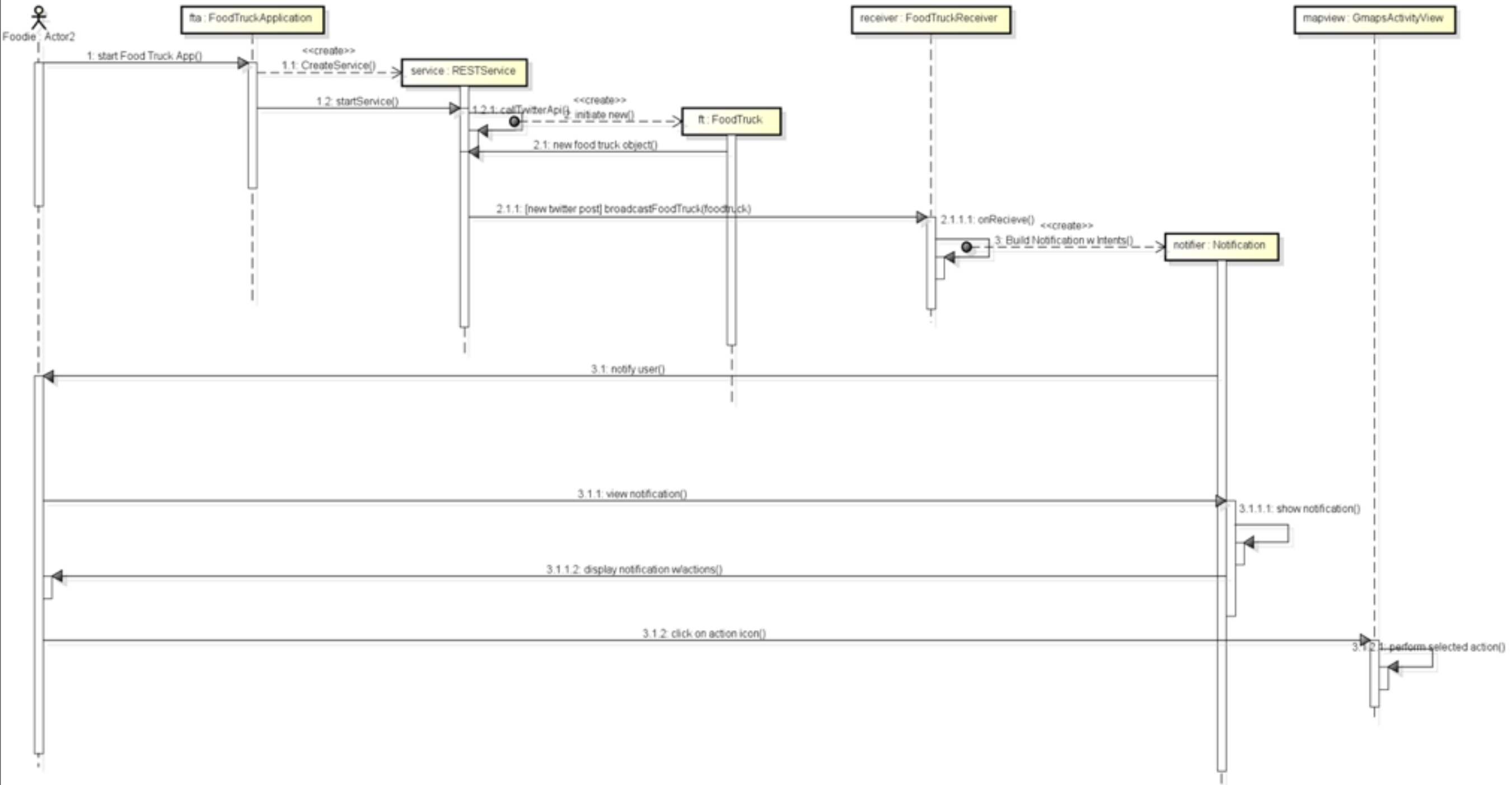
Calling FoodTruck



Permissions

```
<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE"/>  
<uses-permission android:name="android.permission.CAMERA"/>  
<uses-permission android:name="android.permission.INTERNET" />  
<uses-permission android:name="android.permission.READ_CONTACTS" />
```

Sequence Flow



Activities

