

Gather

Team Sweet Tooth

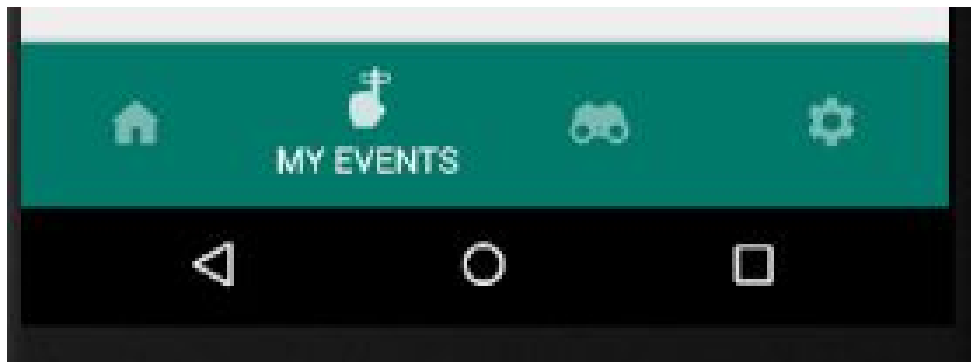
Gather



**“What should I do
Saturday night?”**

Features

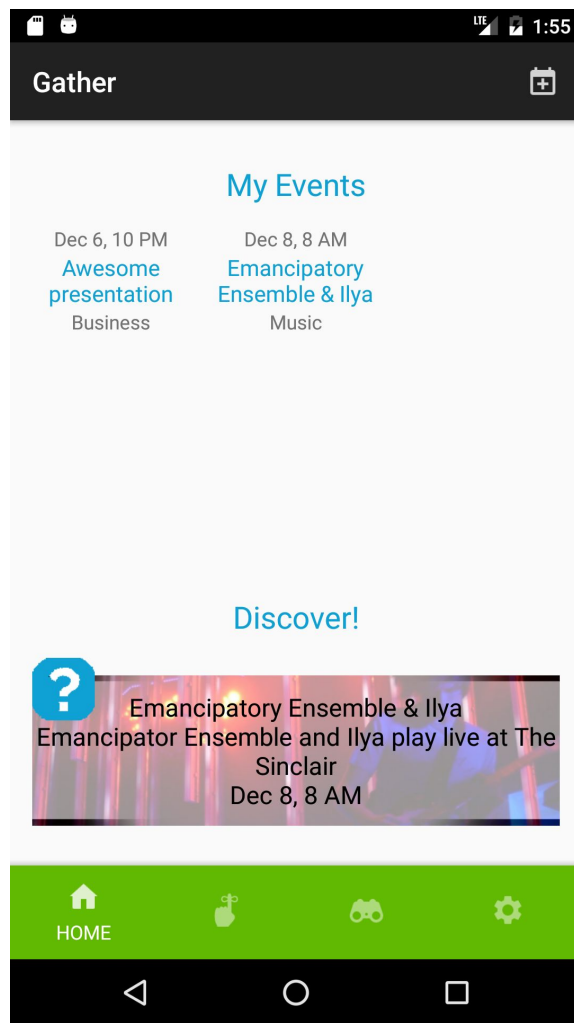
BottomBar

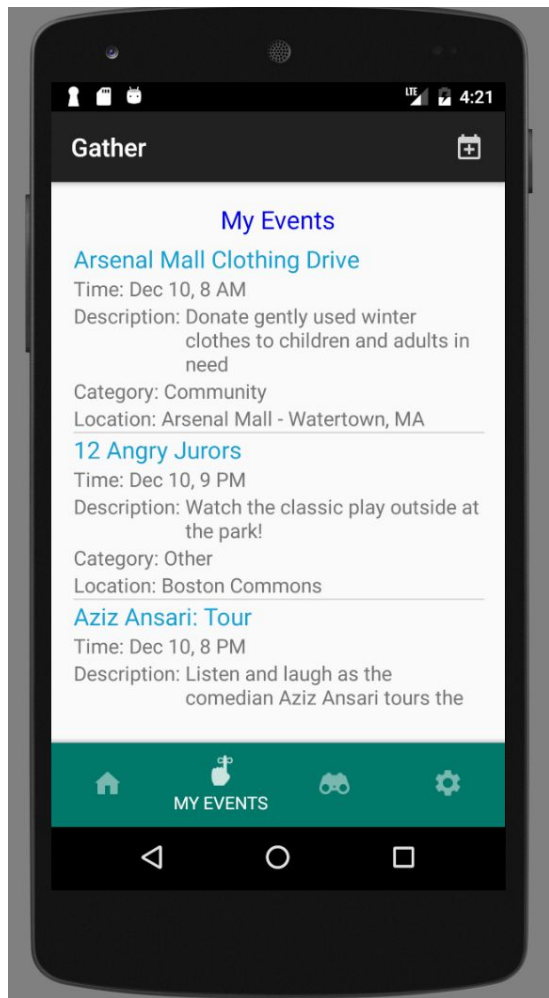


```
/*BottomBar is a third-party object that connects fragments via a clickable  
horizontal menu that shows at the bottom of the screen*/  
bottomBar = BottomBar.attach(this, savedInstanceState);  
bottomBar.setFragmentItems(getFragmentManager(), R.id.fragmentContainer,  
    new BottomBarFragment(homeFrag, R.drawable.ic_home, "HOME"),  
    new BottomBarFragment(myEventsFrag, R.drawable.ic_my_events, "MY EVENTS"),  
    new BottomBarFragment(exploreFrag, R.drawable.ic_explore, "EXPLORE"),  
    new BottomBarFragment(settingsFrag, R.drawable.ic_settings, "SETTINGS")  
);
```

Home Screen

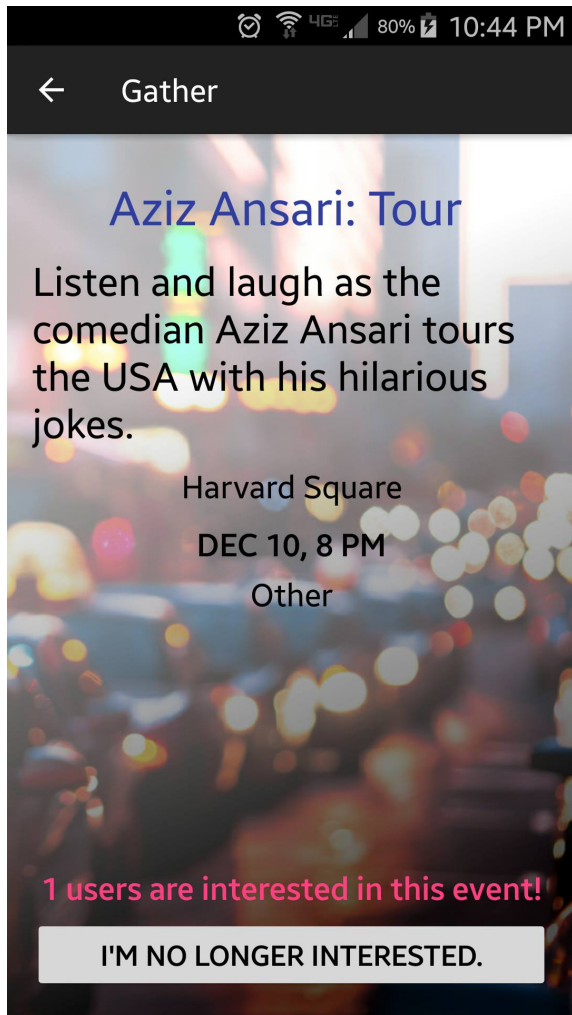
- GridView of events user interested in (low detail)
- Discover! -- ViewFlipper rotates through top events.
- Both clickable





My Events

- ListView of events user interested in (high detail)
- Again, clickable

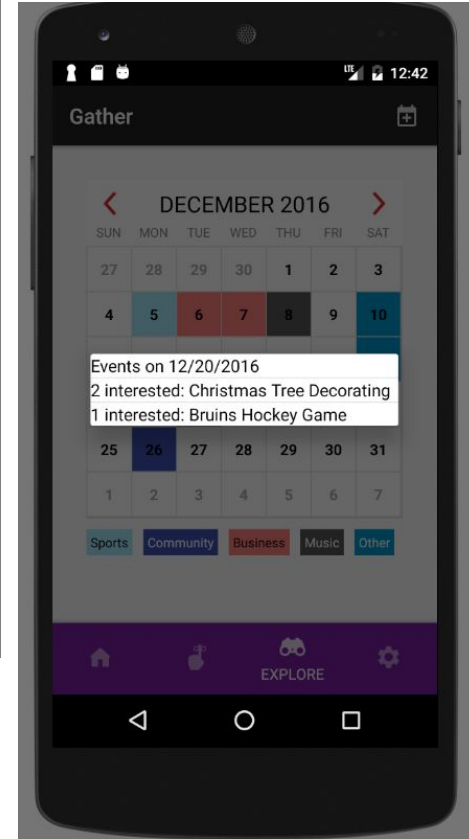


See Event

- Click an event from your events in the Home tab, the Discover portion in Home, on the list in My Events, or directly from the Explore calendar tab
- See all relevant information regarding a specific event
- See how many users are interested in the event
- Toggle your interest in the event

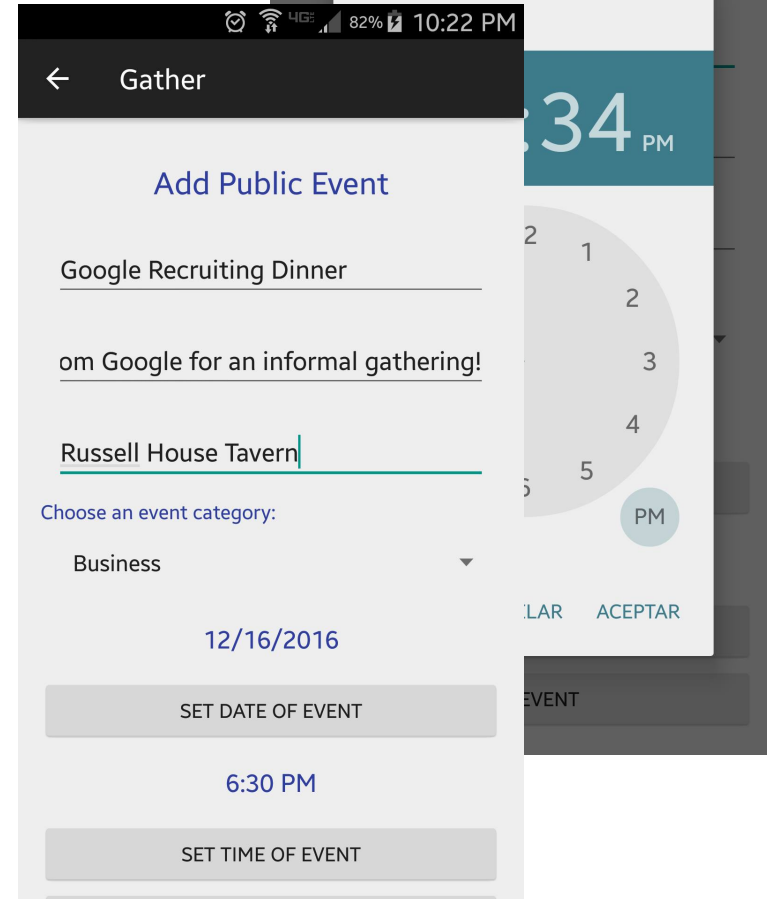
Explore

- Calendar fragment
- Most popular category for day is colored
- Can transition between months/years
- Clicking on a date
 - Dialog list of events - can click to see more
 - Shows interest rate for each
 - Sorted by most popular
 - Mentions if no events exist
 - Only displays user's subscriptions



Add Event

- Add a event to the public calendar
- Include a title, description, location, category, date and time
- Uses DatePicker and TimePicker
- On clicking “Save”, the app updates the Firebase with the new event
- Side note: The user is not subscribed to the event automatically, to encourage users to add more events without necessarily indicating interest



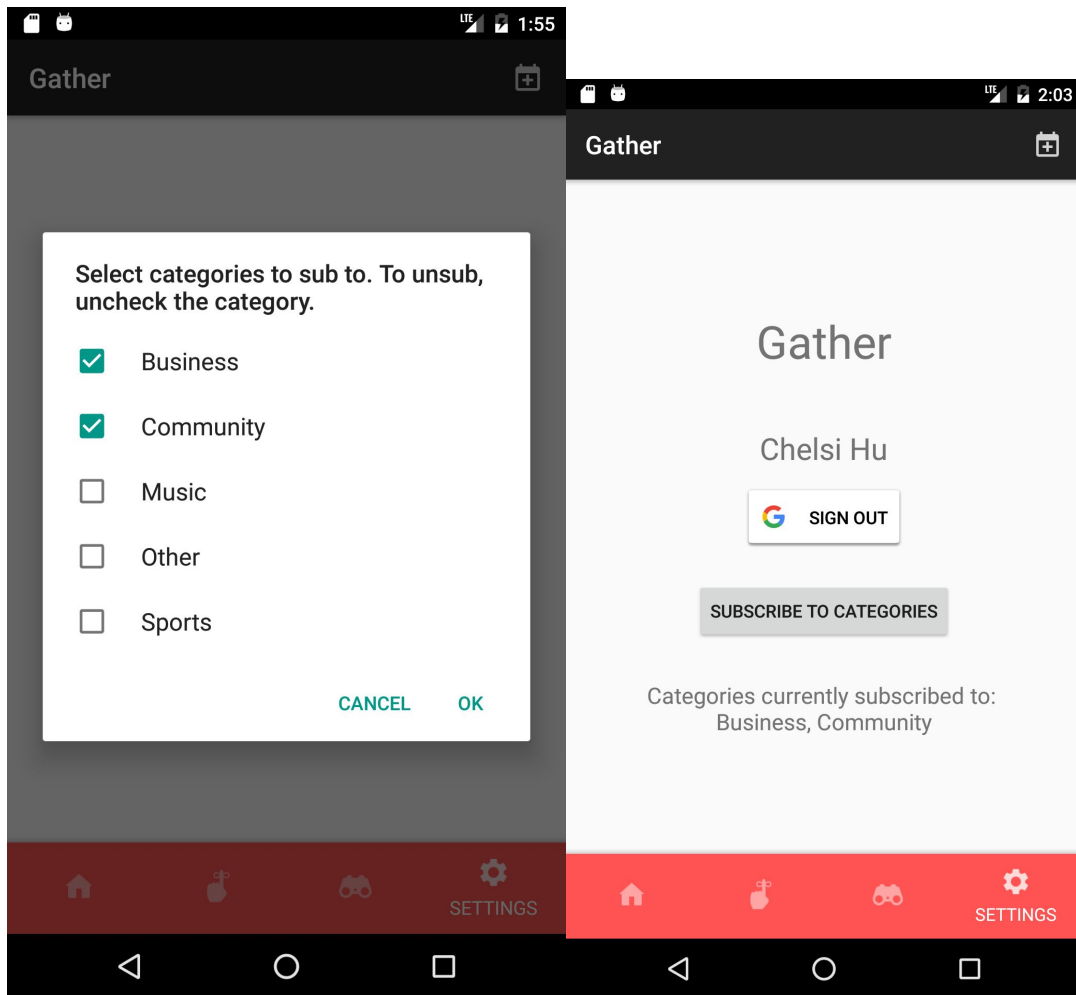
The screenshot displays the 'Add Event' interface within the 'Gather' application. The top navigation bar is dark with a back arrow and the text 'Gather'. The main content area has a light background and contains the following elements:

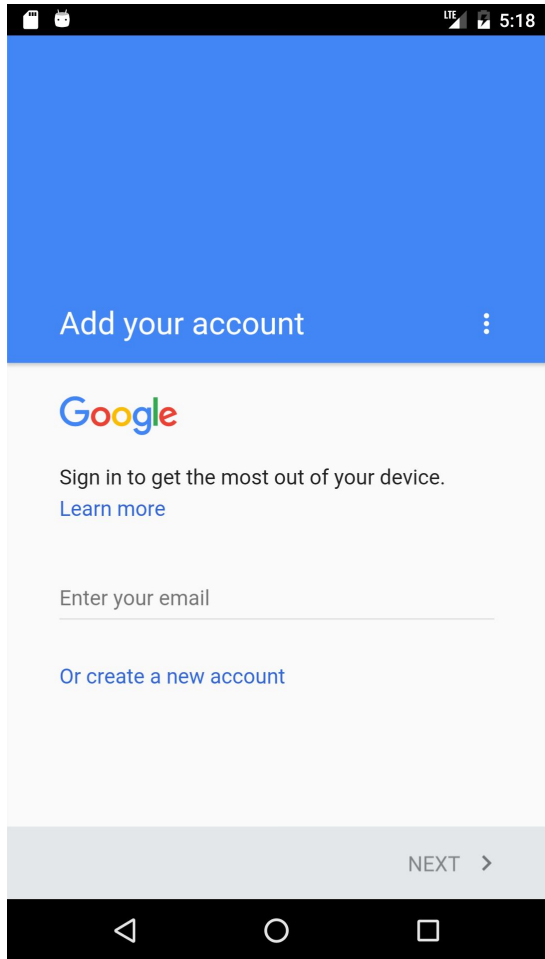
- Add Public Event**: A blue heading.
- Title**: A text input field containing 'Google Recruiting Dinner'.
- Description**: A text input field containing 'om Google for an informal gathering!'.
- Location**: A text input field containing 'Russell House Tavern'.
- Category**: A dropdown menu labeled 'Choose an event category:' with 'Business' selected.
- Date**: A text input field containing '12/16/2016'.
- Time**: A text input field containing '6:30 PM'.
- Buttons**: Two grey buttons labeled 'SET DATE OF EVENT' and 'SET TIME OF EVENT'.

On the right side, a semi-transparent time picker is visible, showing a circular clock face with numbers 1 through 5, and a 'PM' button. The status bar at the top of the phone screen shows the time as 10:22 PM and 10:35 PM, along with battery and signal indicators.

Settings

- Login with Google account
- Change which categories you are subscribed to.





Logging In

- Log in with your Google Account
- Uses Google's Authentication API
- Create Google's Login Activity
- Pass Token to Firebase to Authenticate with Firebase
- Once logged in, a user may subscribe to categories, which will change what is displayed on the Explore Tab and access their upcoming events

Firebase Database

- Categories To Events
- Events
 - Category
 - Checks (interest)
 - Date
 - Description
 - Location
 - Title
- User To Categories
- User To Events

event-app-fea40



LISTENING...

```
ValueEventListener eventsListener = new ValueEventListener() {  
    @Override  
    public void onDataChange(DataSnapshot dataSnapshot) {
```

```
//onDataChange only called upon attachment
```

```
eventsRef.addListenerForSingleValueEvent(eventsListener);
```

```
//attaches listener to reference--onDataChange called whenever
```

```
// database reference has changes
```

```
usersEventsRef.addValueEventListener(userEventsListener);
```

Future Goals

- Add an option to upload a photo associated with the Event during creation
- Add more sign-in options other than Google
- Use location-based services to bring more relevant data
- Implement a reminder feature to send notifications when an event you are interested in is coming up
- Allow users to create their own categories for events

Now let's see it in action!
