

# Final Project Proposal: EVENTIFY

This would be a native android application that allows users to register, login and post events to invite the public and or specific friends or people.

I would use Firebase database to store the users and events info. Firebase would also be used for authentication and session management purposes in the application.

The app would have three main activities:

- A Main Activity with listing of events
- A Post Event / Event Detail Activity
- Settings Activity

Some of the other features included in the application would be:

- The App would have a service and job scheduled to automatically download new data and display in the application.
- A Room database would be used to cache data locally.
- The app would also get device location of user when posting an event
- use camera to post pictures on events.
- Notifications would be used to notify the user of new events posted nearby.
- Use some material design to style graphics for the application
- Maps to display location
- Use some google ads to advertise
- Possibly try and Use GEOFENCING to localize the application based on users location

The user posting an event would have full control over the event and can update, delete and cancel an event. Events could be closed or open to everyone. If Open, any one can sign up to an event, if closed, the poster would be accepting or rejecting the requests.