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SHUQIN YE

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# ASGARD EVENTS MANAGER

### **AGENDA**

- What is the Android app about?
- Context Diagram
- Features
- Page Flow List
- 3-tier Architecture Design
  - User Interface Design
  - Page Flow Charts and Intents
  - Database Schema
- Class Diagram



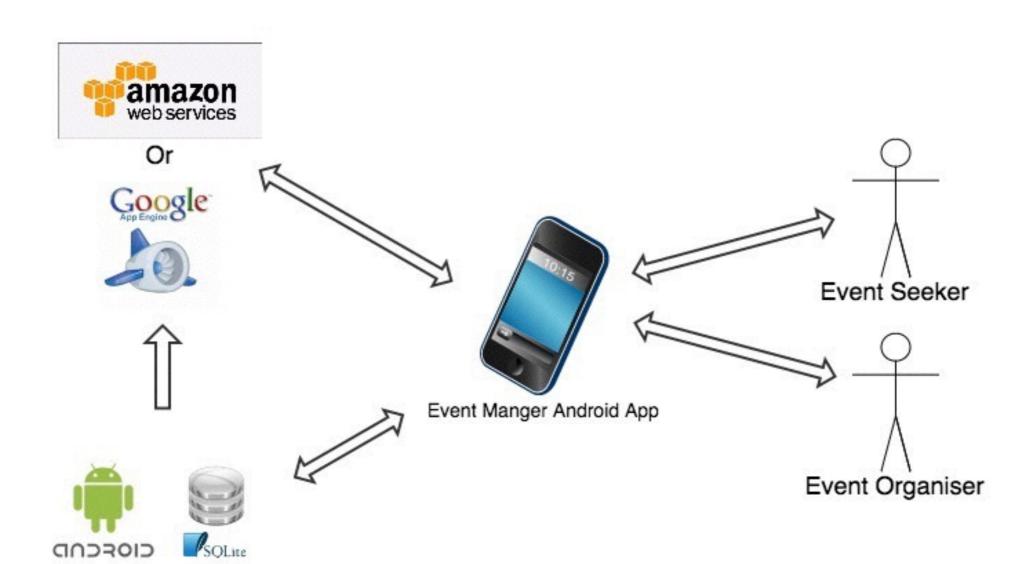
# WHAT TO DO TONIGHT?

**Brynhildr proudly presents** 

### HERE IS YOUR SOLUTION - EVENTS MANAGER!

- Notify users of events that are happening nearby and a platform to announce /organise events
- Track the user's location and displays all events in Google map API
- Organisers: Upload events to database and invite people to join
- Participants: Refresh the event list by downward swiping; Register selected events; Manage the registered events list
- Send reminders when the event date comes closer or when event info changes

### **CONTEXT DIAGRAM**



### **FEATURES**

- Location
- Touchscreen
- Web Services
- SQL Lite DB
- Third-Party API: Google Calendar & Google Map

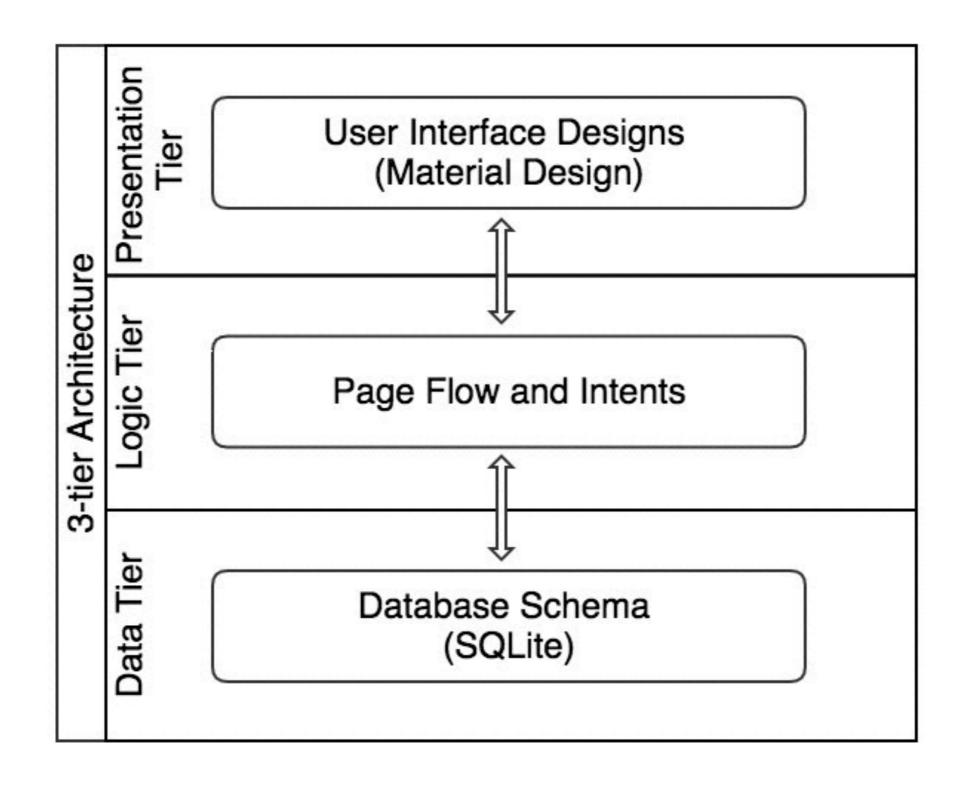
### PAGE FLOW LIST - AFTER LOG IN

- 1. View Profile
  - (a) Profile page with edit option
- 2. View Events
  - (a) calendar with filter (event, location)
    - i. register event
    - ii. invite friend
    - iii. contact organizer
    - iv. add to event waitlist
- 3. Launch Events
  - (a) Event name
  - (b) Venue
  - (c) Date and time
  - (d) Description
  - (e) Dress code
  - (f) Upload poster
  - (g) Target audience
  - (h) Maximum participants

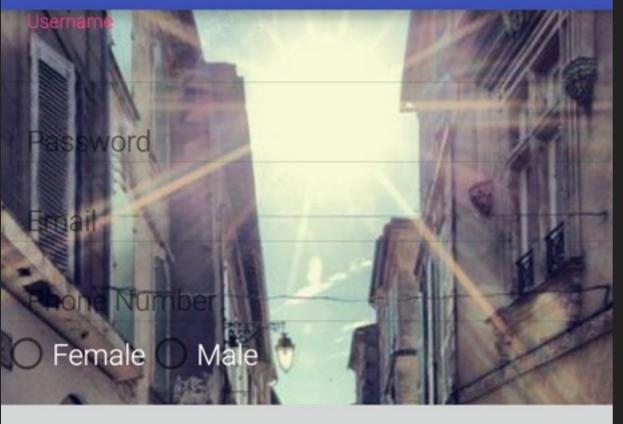
- 4. Manage Events
  - (a) My launched events
    - i. list view
      - A. view participants
      - B. modify event information
      - C. delete event
      - D. broadcast event
      - E. invite friends
  - (b) My registered events
    - i. list view
      - A. unregister
      - B. invite friends
      - C. contact organizer
  - (c) Waitlisted events
    - i. list view
      - A. unlike
      - B. register this event

- 5. Inbox/Message Center
- 6. Settings
  - (a) Push notification enable?
  - (b) Share my location?
  - (c) Frequency of update?

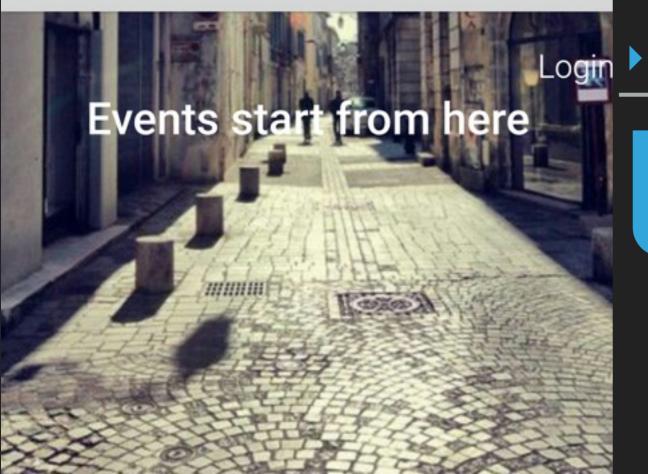
#### 3-TIER ARCHITECTURE OVERVIEW



#### Register



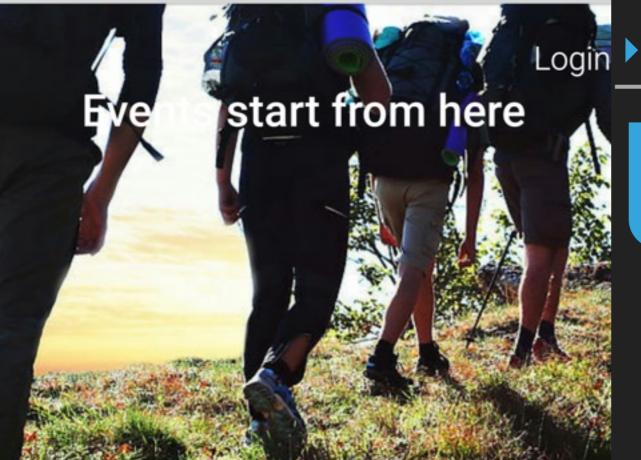
REGISTER



- Activity
- Animation: zoom in & switch between background pictures
- Click register

# UI - REGISTER

### Register Password -Email Female O REGISTER



- Activity
- Animation: zoom in & switch between background pictures
- Click register

# UI - REGISTER





#### **Asgard**

Username
Password
SIGN IN

Register

- Username
- Password must be more than 5 characters long
- Freely switch between register and sign in page

UI - SIGN IN



### Asgard Your Amazing Events Manager



View Profile



View Events



Launch Events



Manage Events



Inbox



Settings

#### About Us



App Introduction

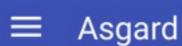
- Activity
- Slide in from left
- Main activity
- All items are implemented using Fragments

## UI – MAIN MENU













12 NOV 12:00 PM

xmas

everyone



Fragment

**Card View** 

Scroll down to view all events

Display event pictures and summary details

Click on event name to view specific event details

### UI - VIEW EVENTS







**Event Name** 

Date & Time

Address

Dress Code

**Target Participant** 

Maximum People



- Fragment
- Card View
- Scroll down to fill all event details
- Click picture to upload event pictures
- Not yet optimized (first version)

# UI – LAUNCH EVENTS







#### Enable social recommenda..

Recommendations for people to contact based on your message history



#### Display name

John Smith

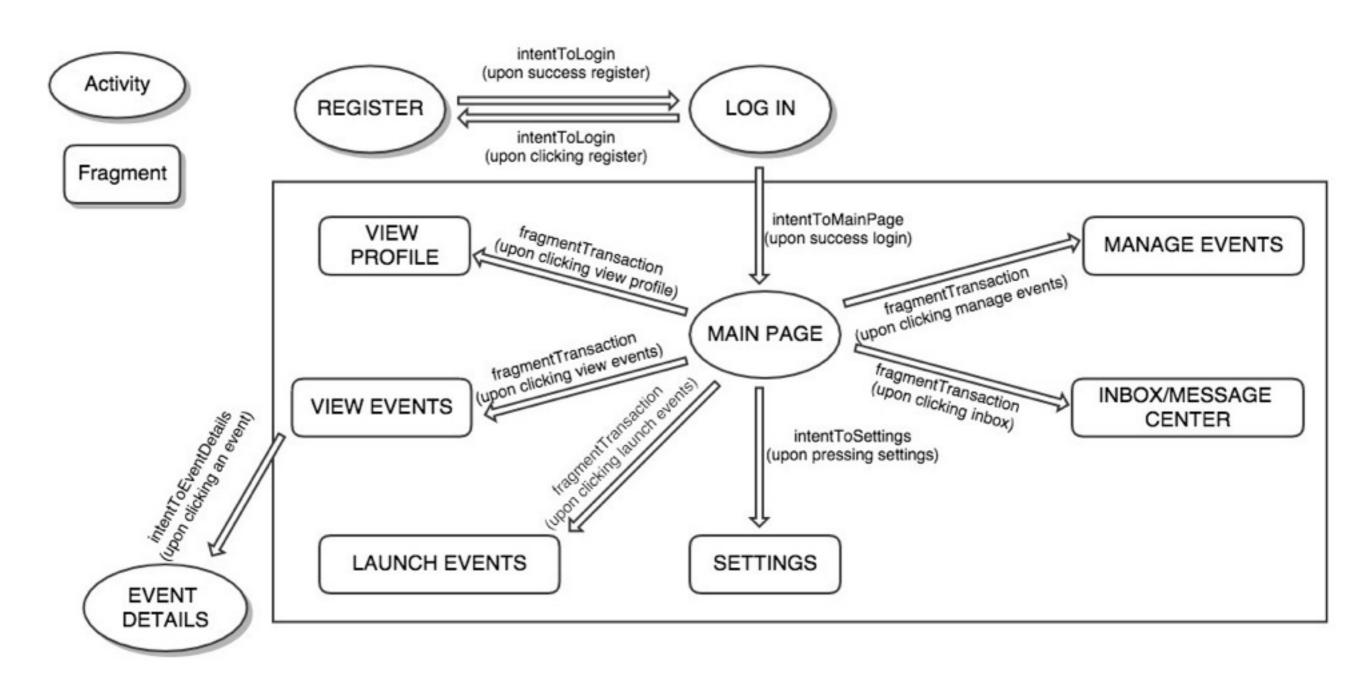
Add friends to messages

Never

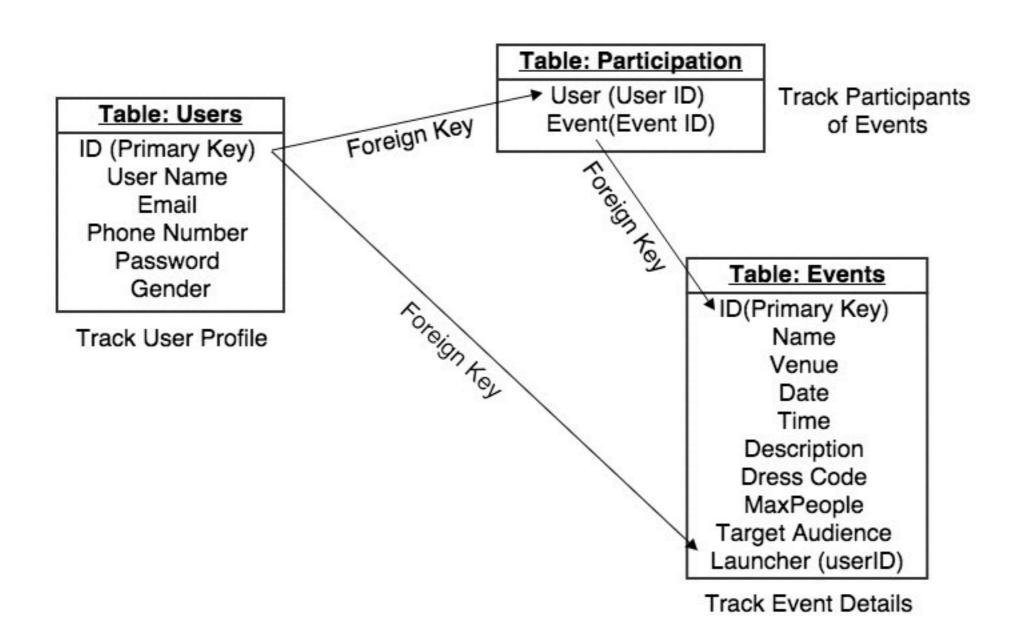
- Fragment
- Sample Setting options
- Material Design toggle button
- Not yet optimized (first version)

UI - SETTINGS

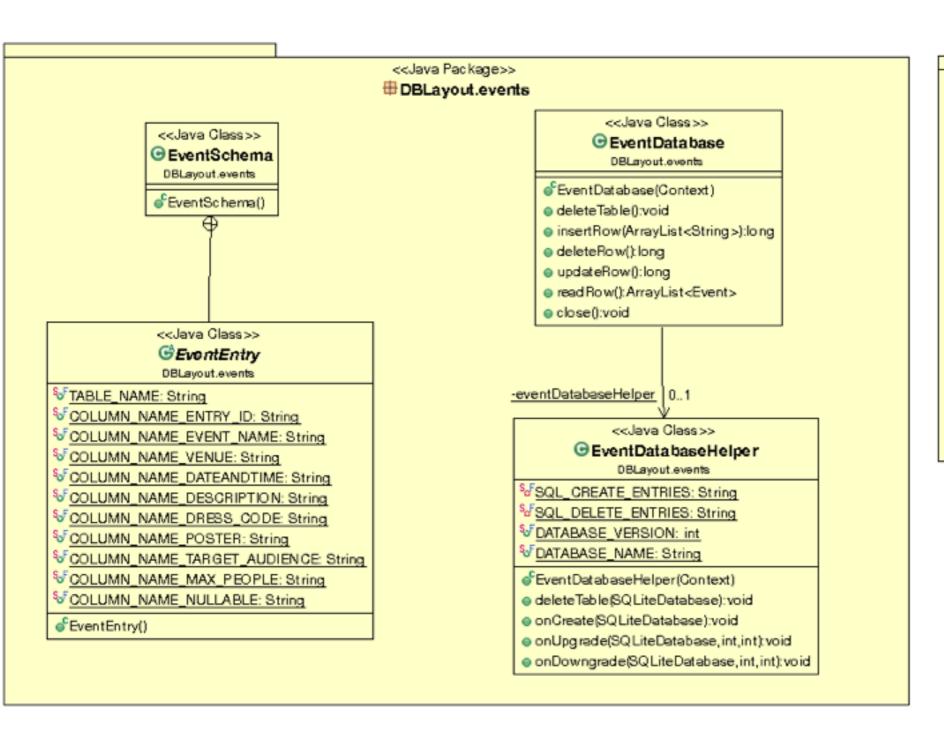
### PAGE FLOW AND INTENTS



### **DATABASE SCHEMA**



### CLASS DIAGRAM - DBLAYOUT PACKAGE



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### CLASS DIAGRAM - USERINTERFACE.ACTIVITIES PACKAGE

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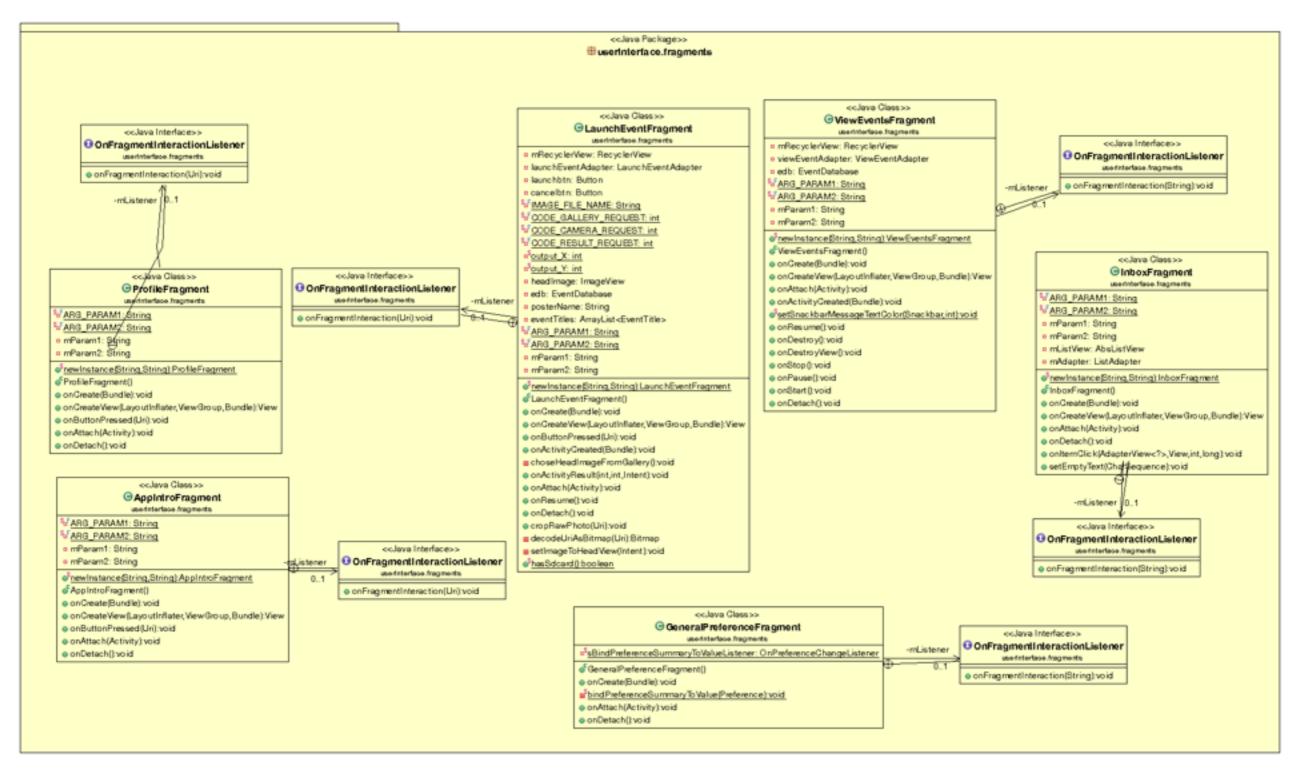
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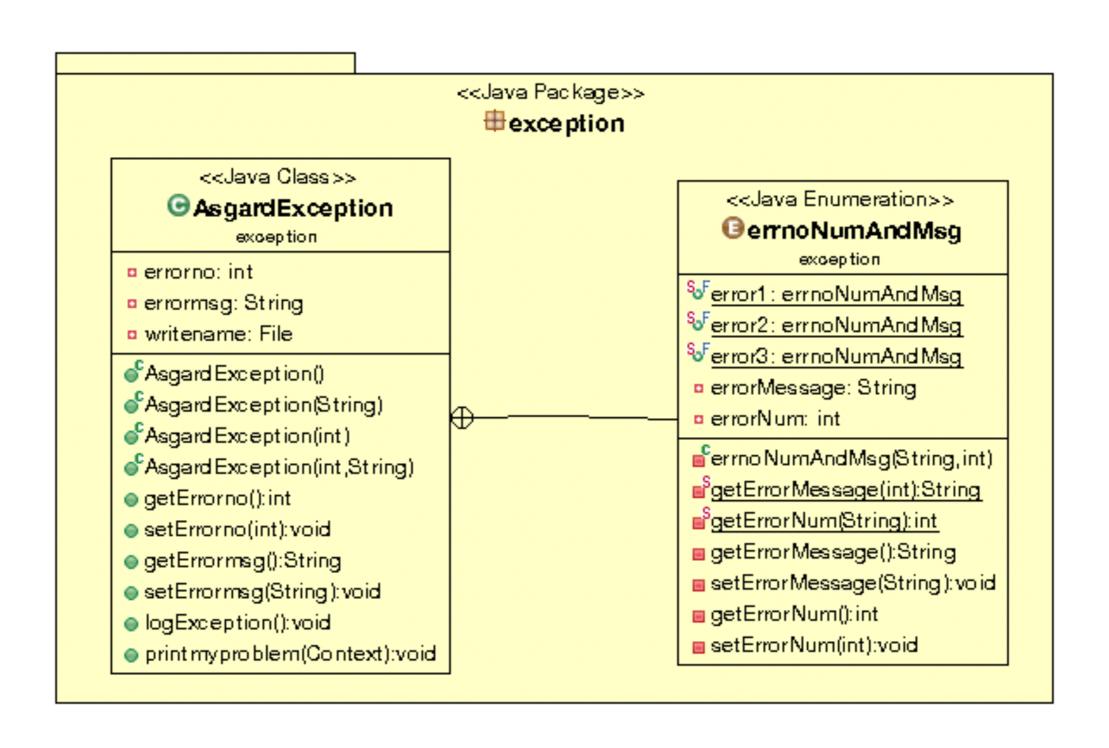
doInBackground(Void]) Boolean onPostExecute(Boolean):void onCancellet():void

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### CLASS DIAGRAM - USERINTERFACE.FRAGMENTS PACKAGE



### CLASS DIAGRAM - EXCEPTION PACKAGE



### **CLASS DIAGRAM - ENTITIES PACKAGE**

