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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

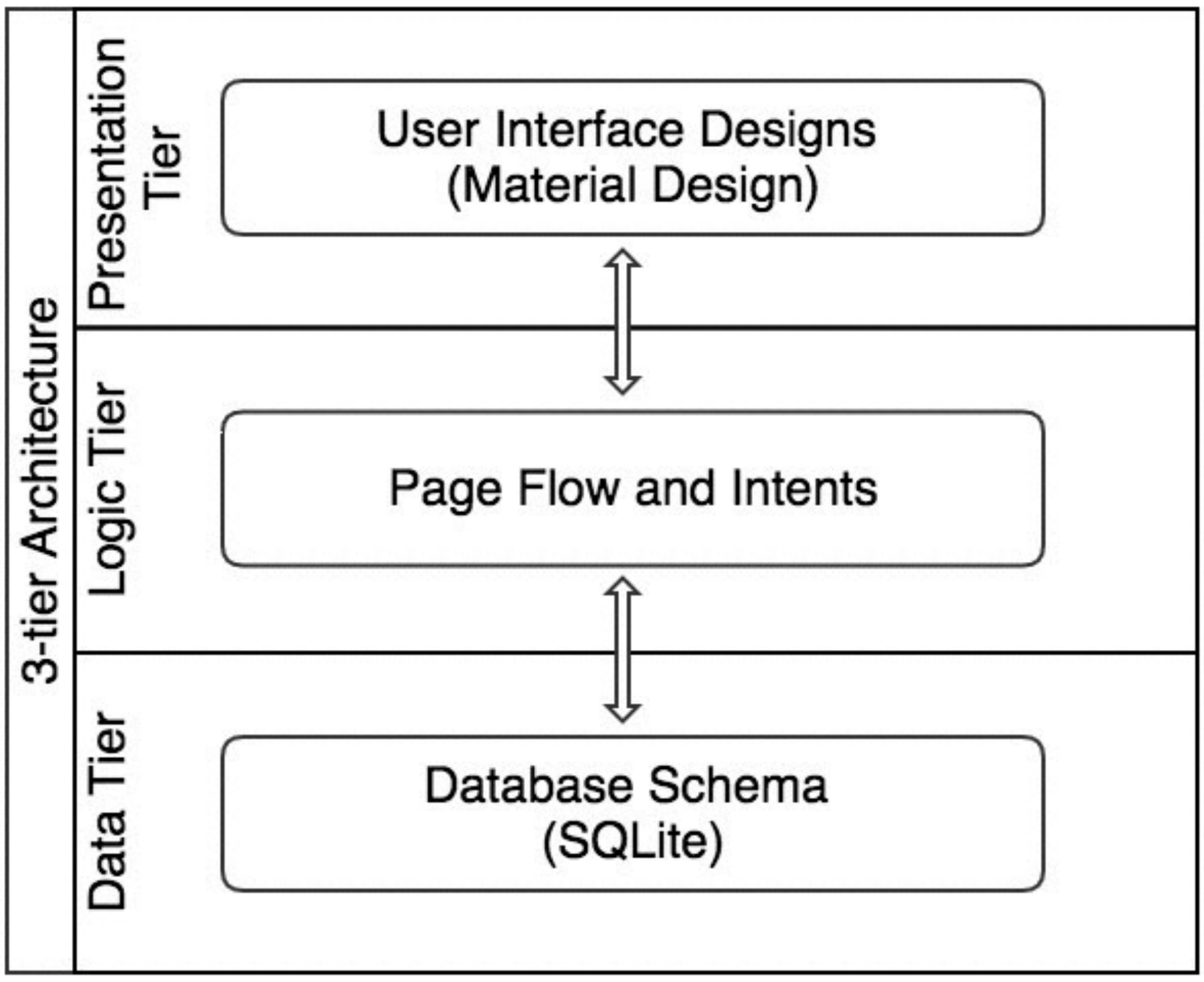
FEATURES

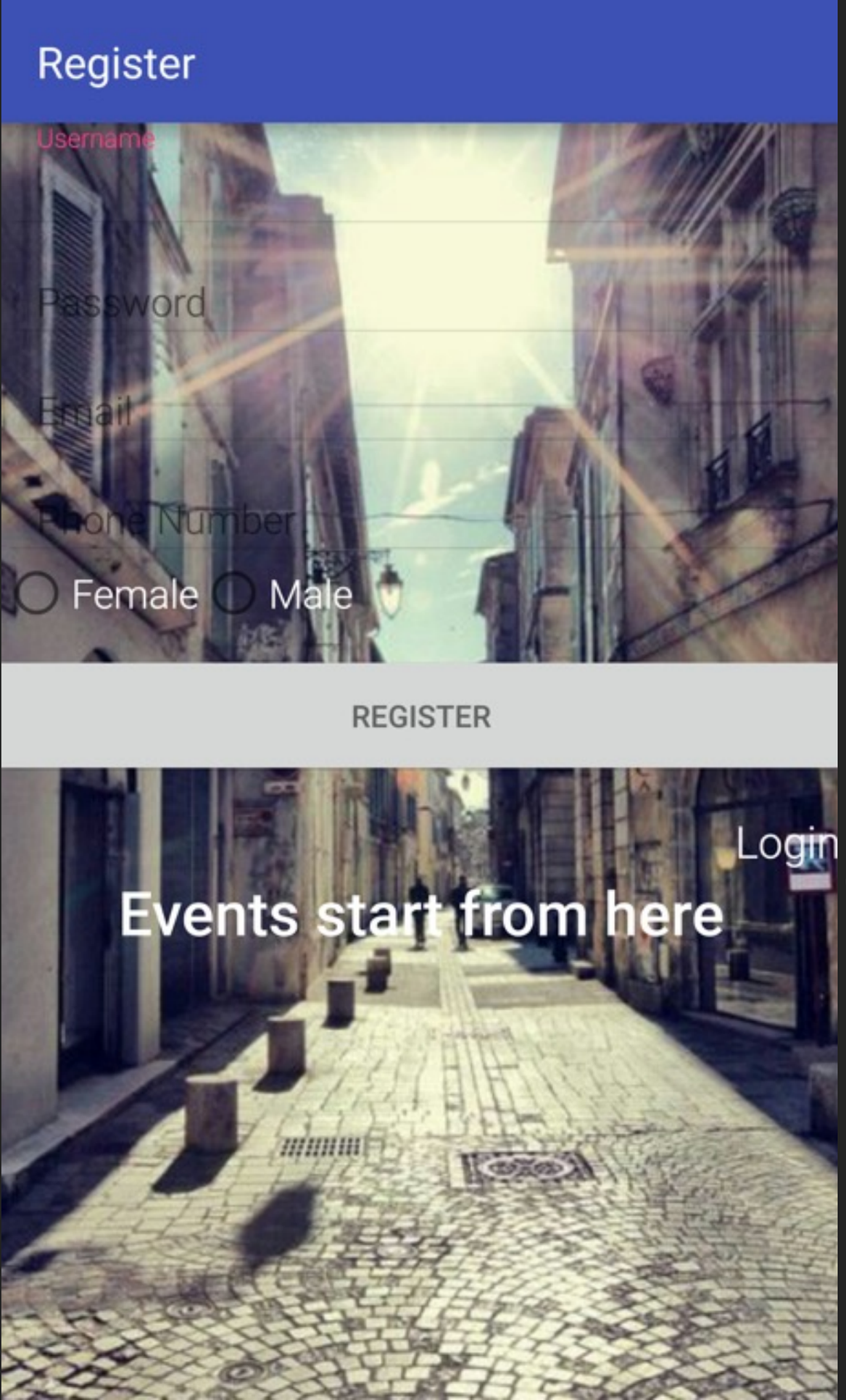
- Location
- Touchscreen
- Web Services
- SQL Lite DB
- Third-Party API: Google Calendar & Google Map

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?

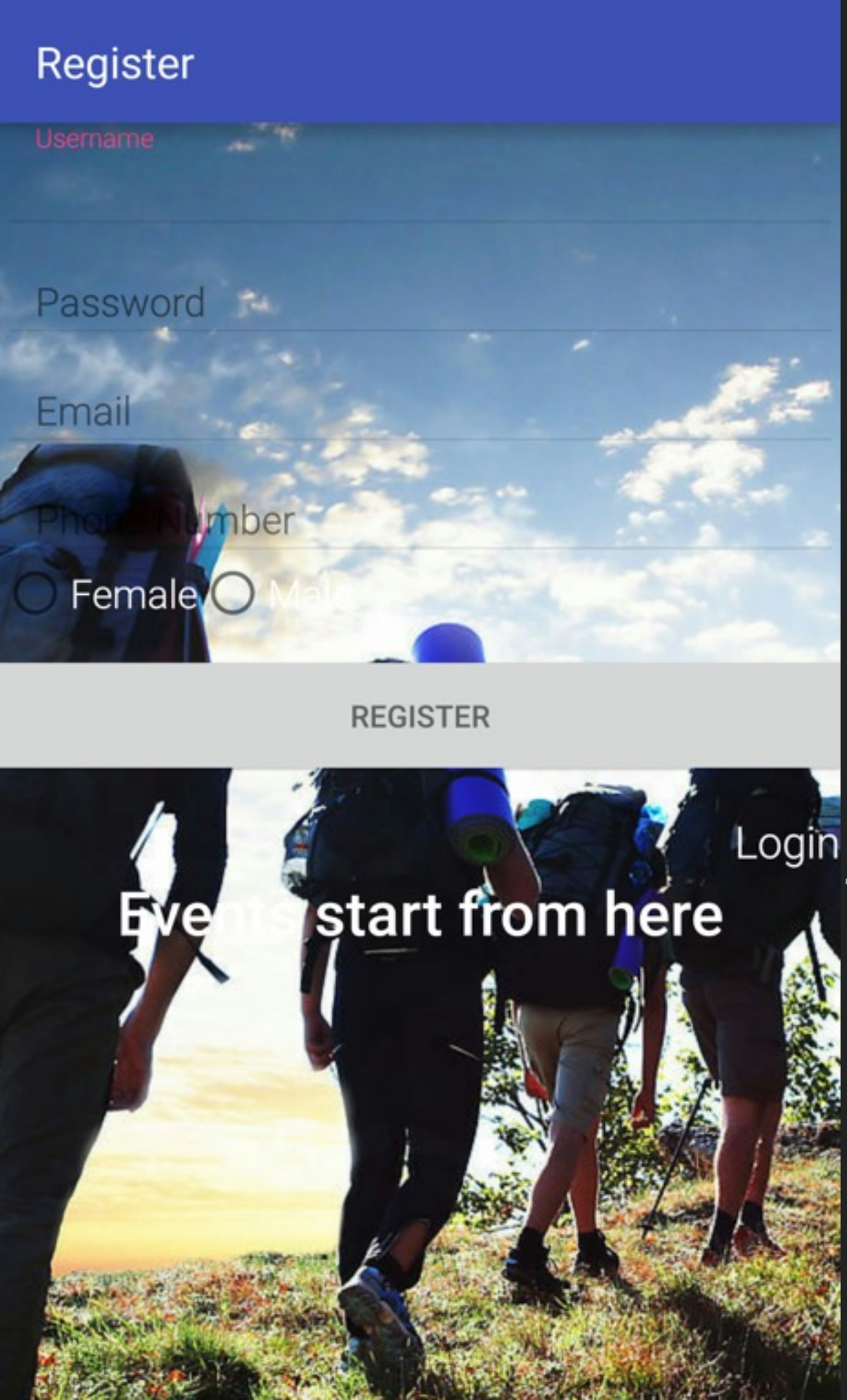
3-TIER ARCHITECTURE OVERVIEW





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

UI – REGISTER



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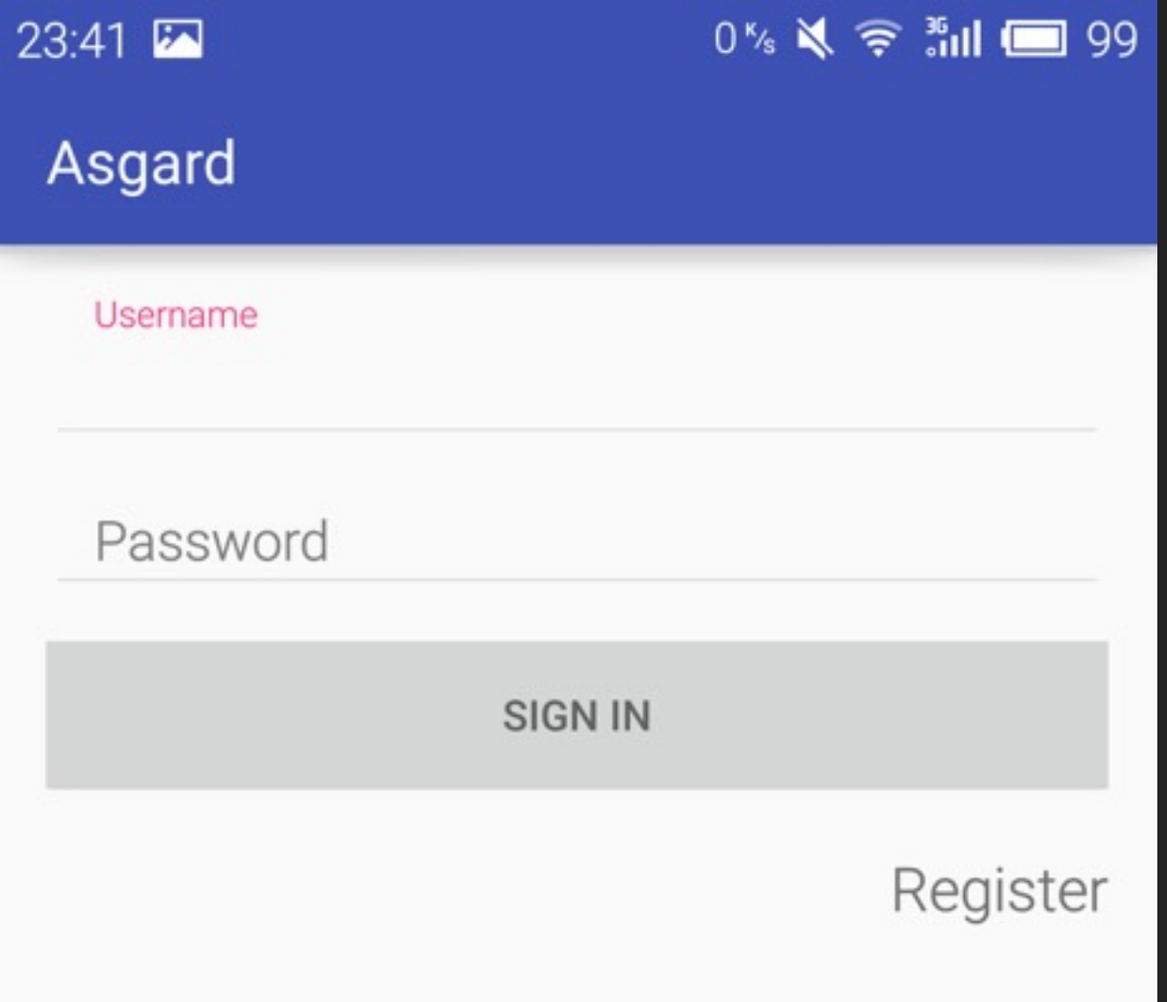
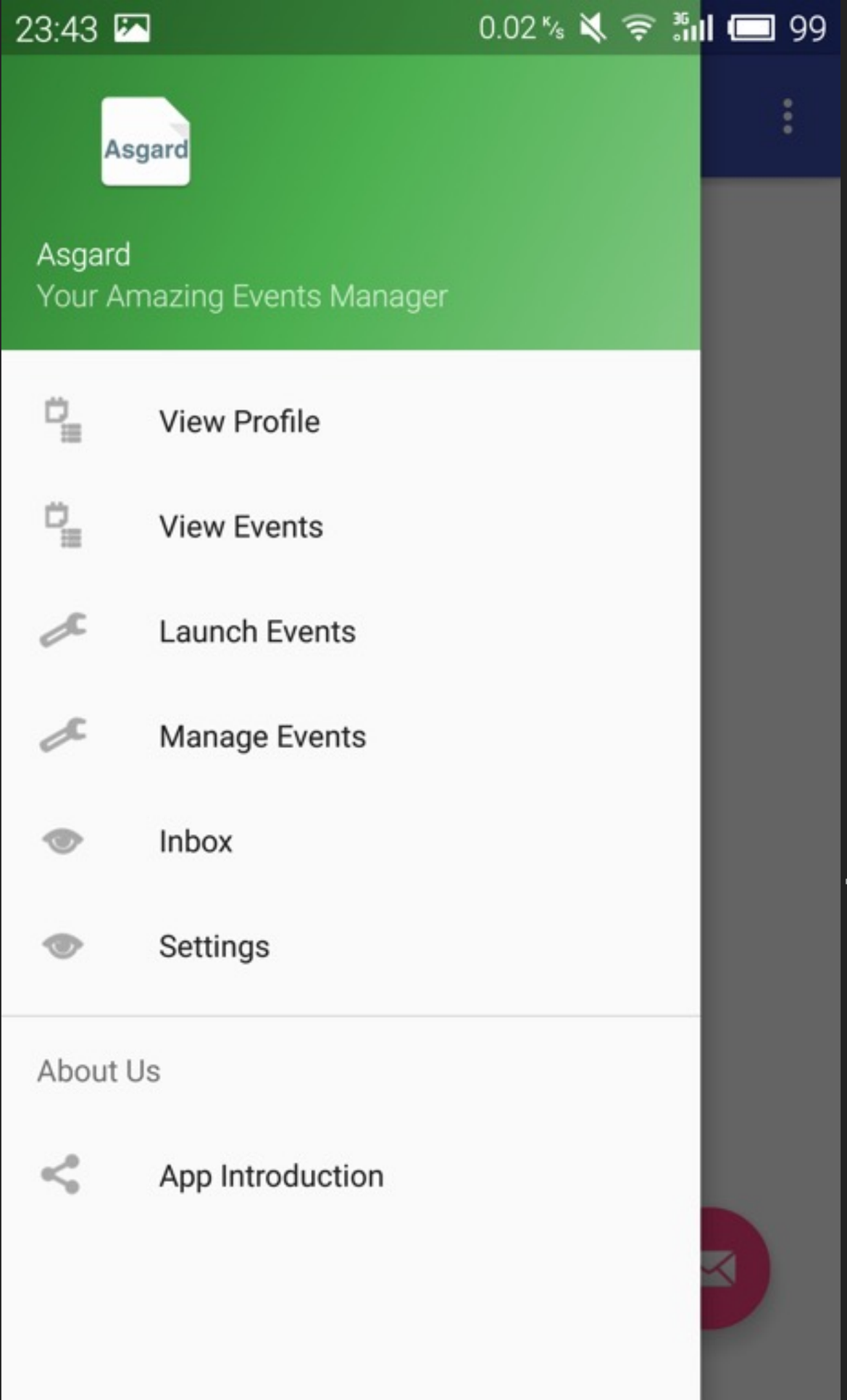


- Username
- Password must be more than 5 characters long

- Freely switch between register and sign in page

UI – SIGN IN



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

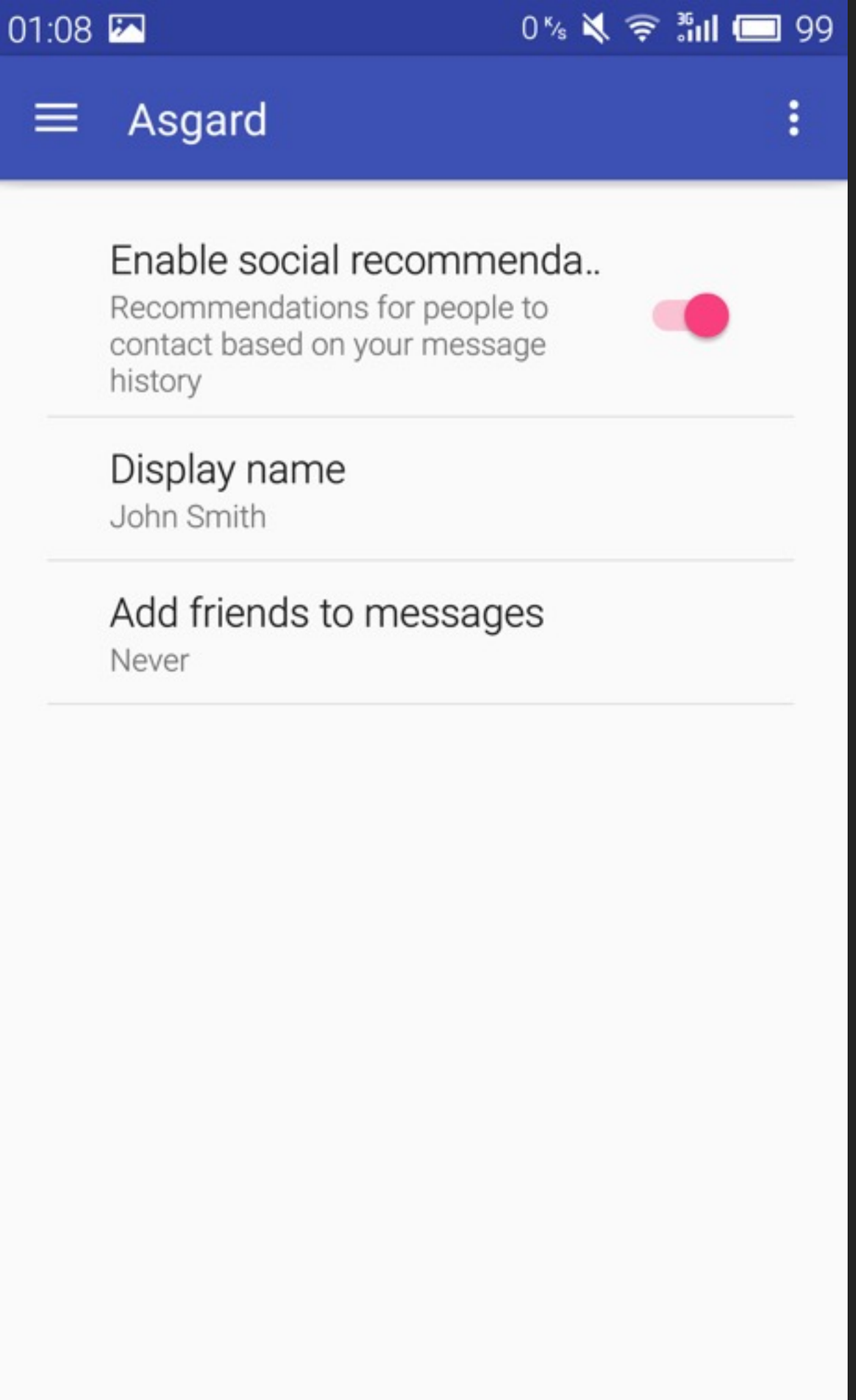
UI – MAIN MENU

- 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

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

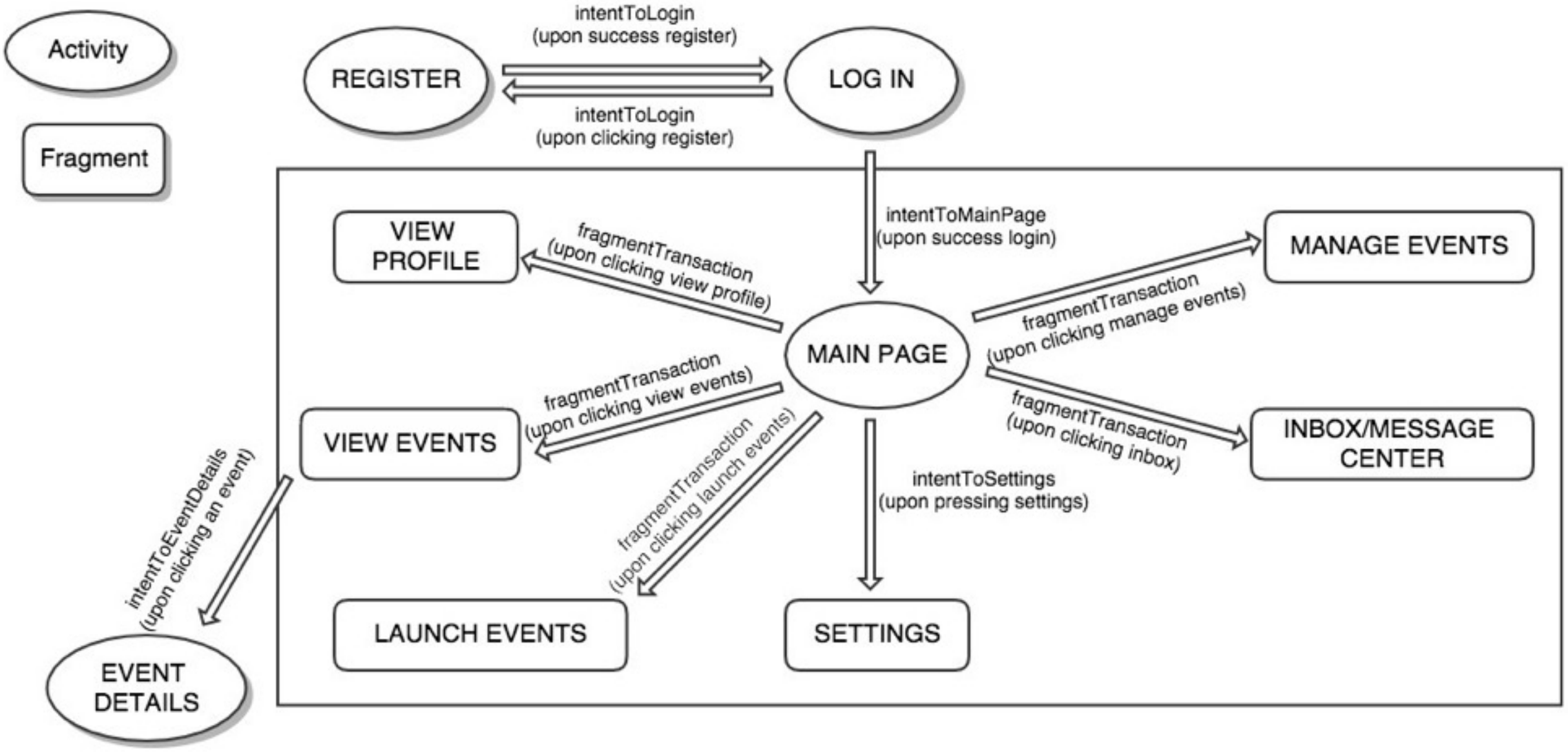
UI – LAUNCH EVENTS



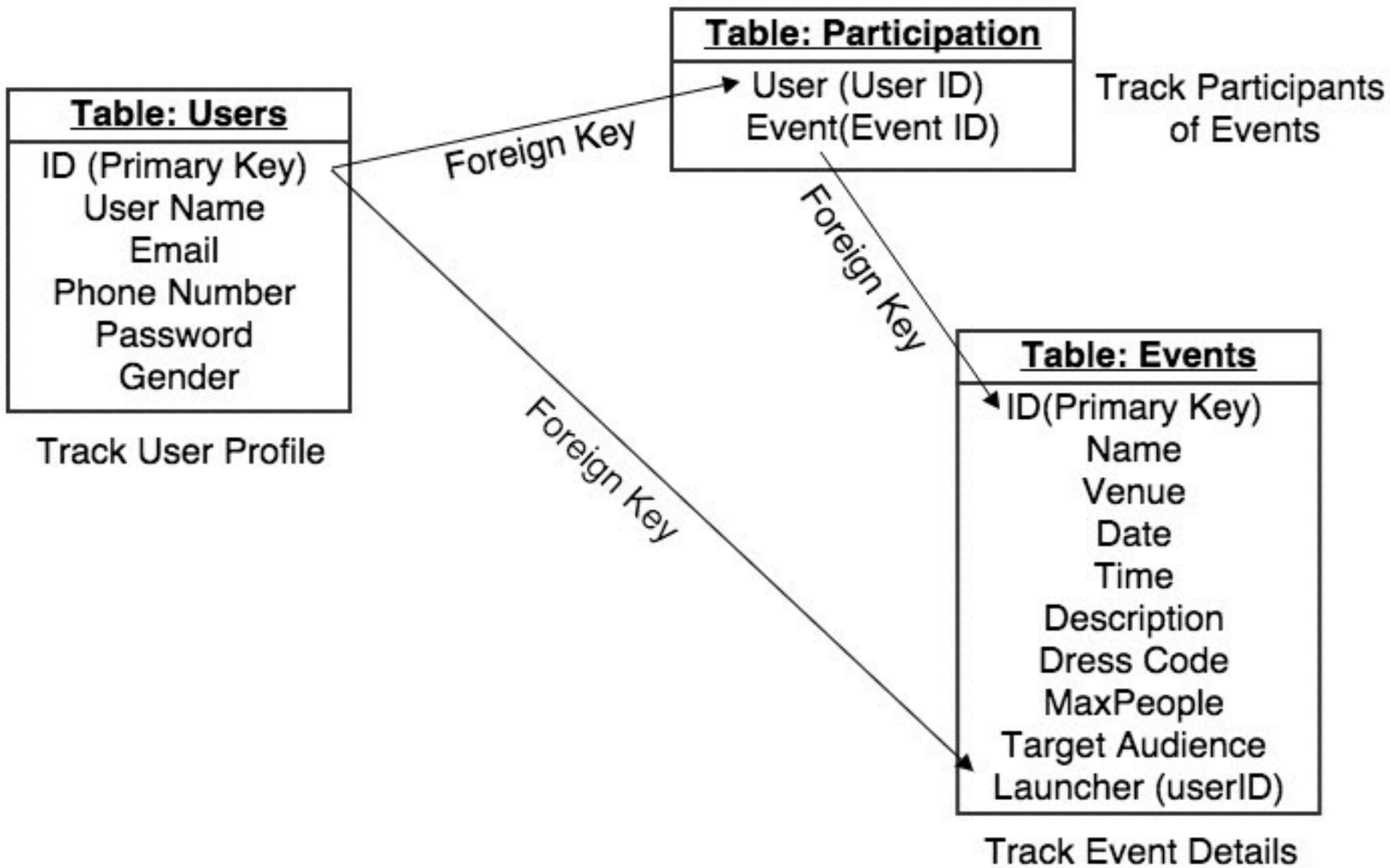
- Fragment
- Sample Setting options
- Material Design toggle button
- Not yet optimized (first version)

UI – SETTINGS

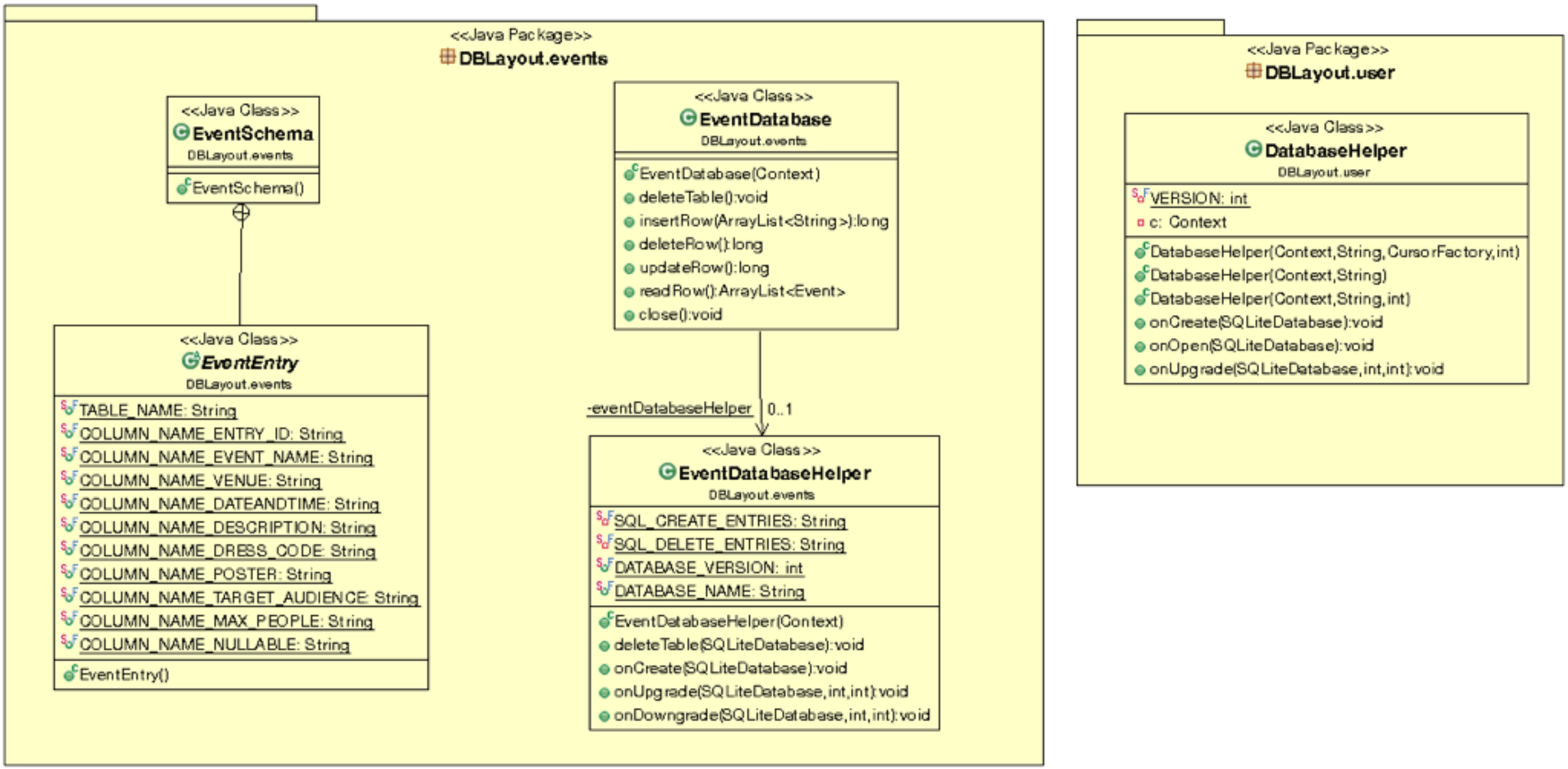
PAGE FLOW AND INTENTS



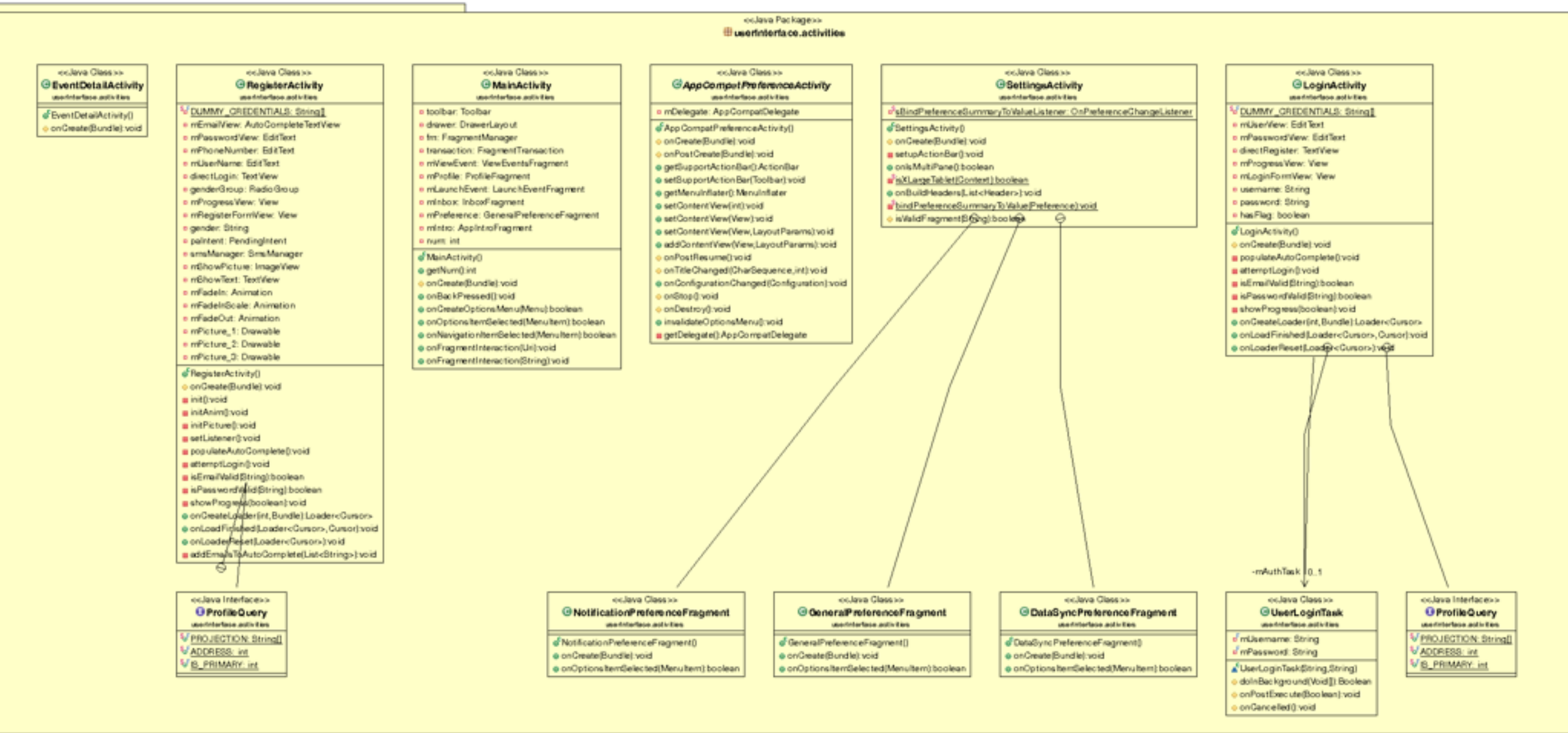
DATABASE SCHEMA



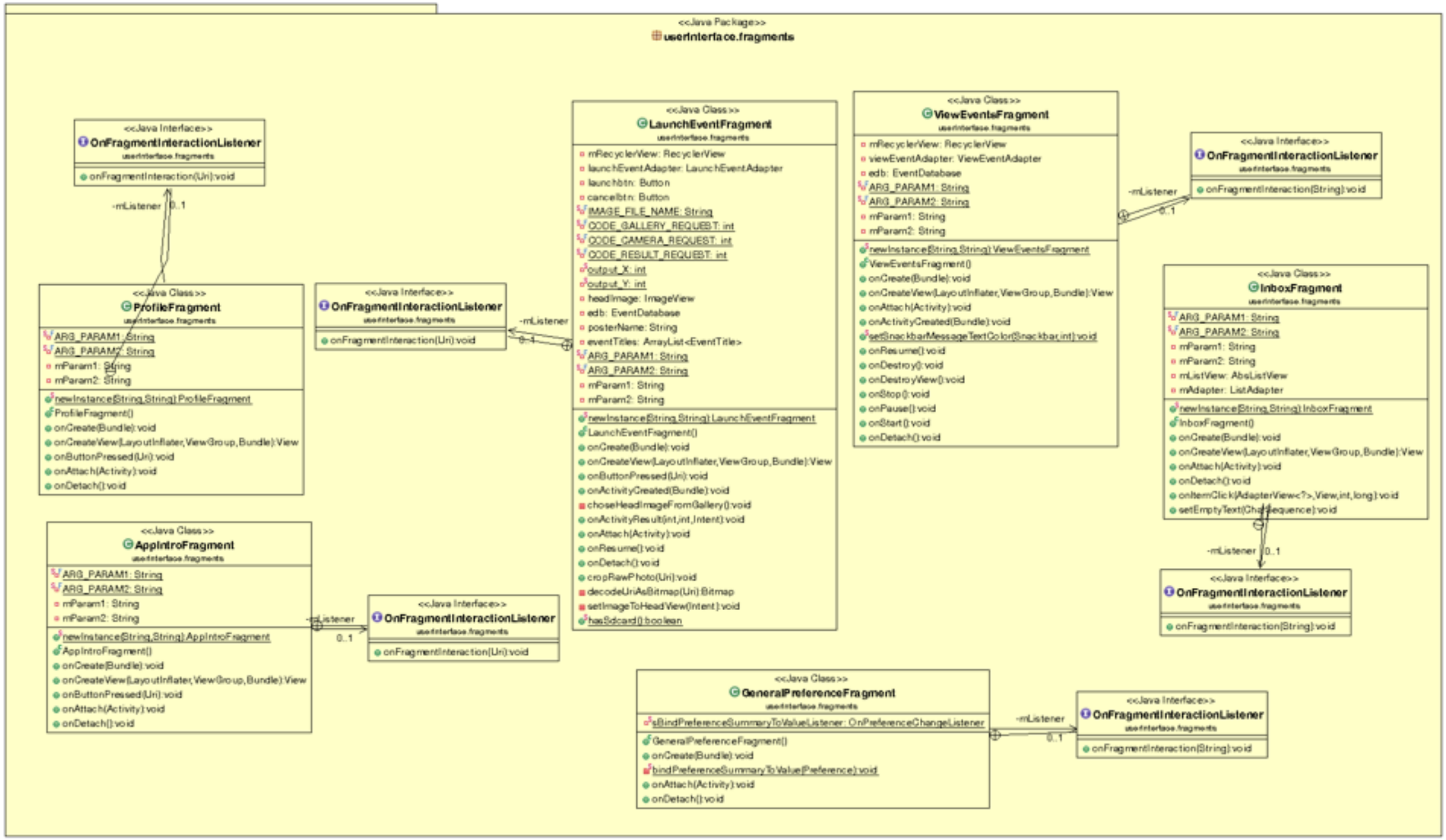
CLASS DIAGRAM – DBLAYOUT PACKAGE



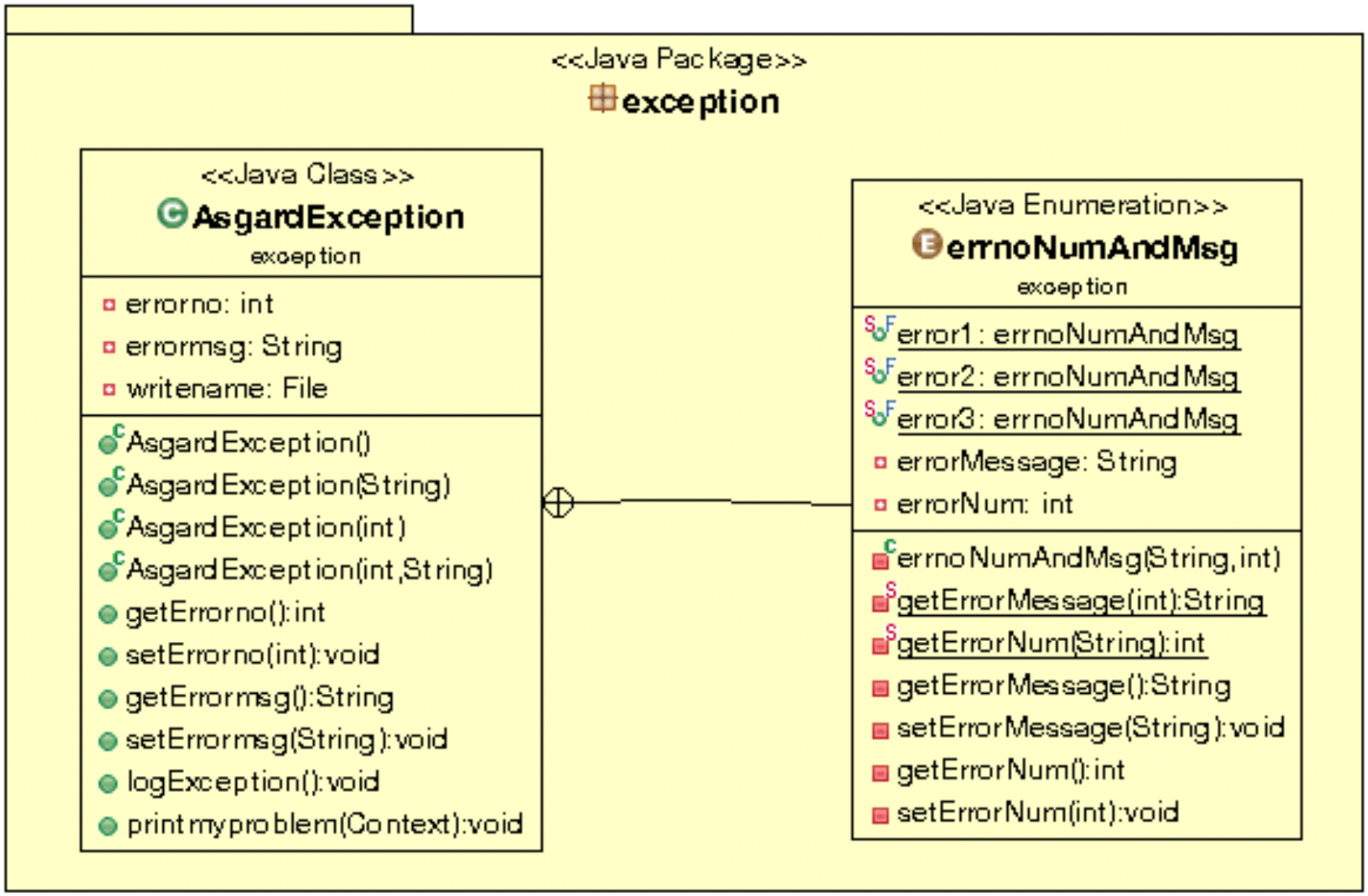
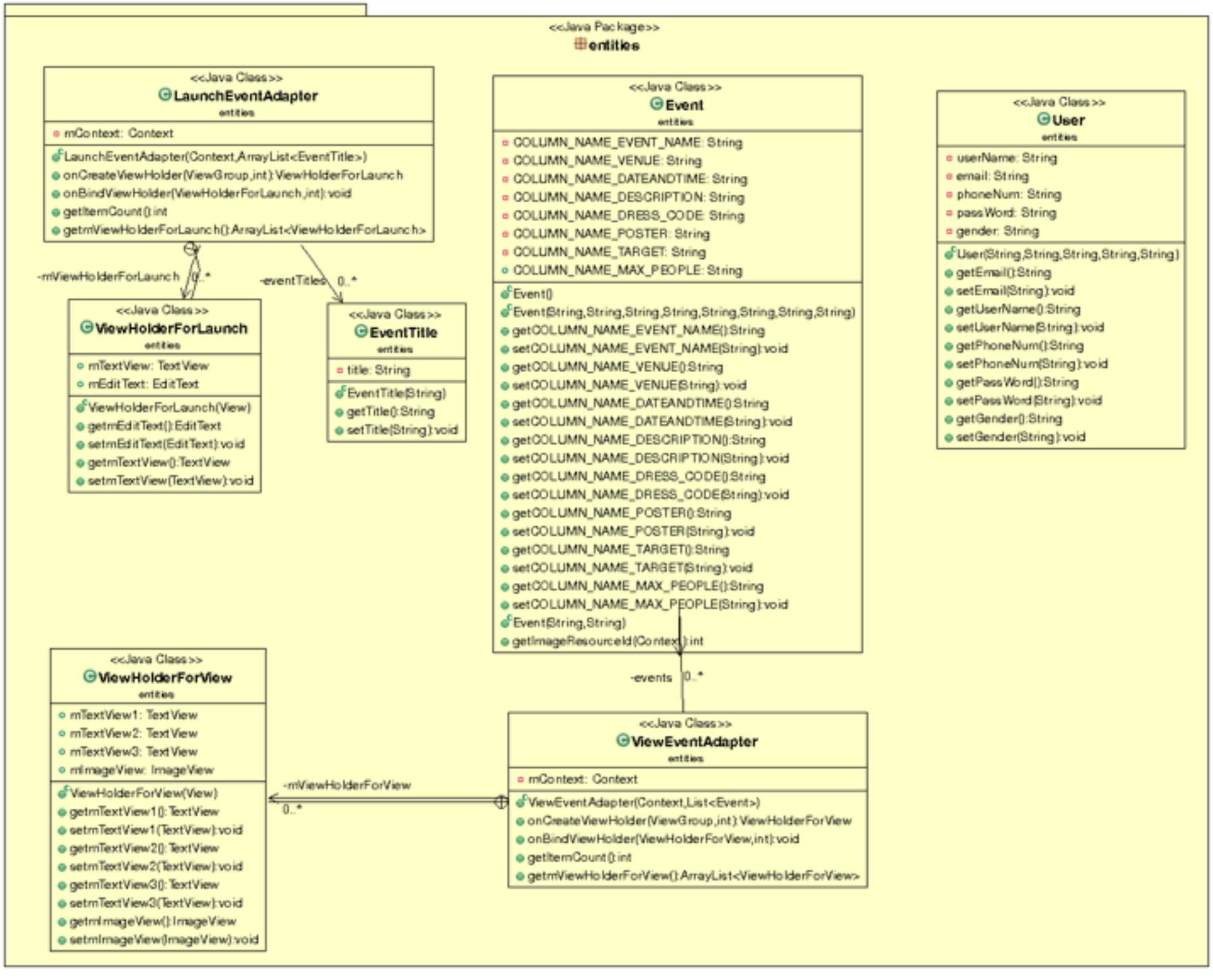
CLASS DIAGRAM – USERINTERFACE.ACTIVITIES PACKAGE



CLASS DIAGRAM – USERINTERFACE.FRAGMENTS PACKAGE



CLASS DIAGRAM – EXCEPTION PACKAGE



CLASS DIAGRAM – ENTITIES PACKAGE