Meeting: 2021.3.8 Mon 12pm

Sprint Planning:

Planned user stories:
1. Issue 1 (experiment) SP - 13   anisha
2. Issue 5 (experiment) SP - 15   marzook
3. Issue 20 (location) SP - 4   anisha
4. Issue 22 (location) SP - 5   anisha
5. Issue 23 (location) (maybe drop it) SP - 16   ananya
6. Issue 18 (search) SP - 13   caleb
7. Issue 19 (search) SP - 9   charffy
8. Issue 9 (question) SP - 13   charffy
9. Issue 11 (browse question) **(maybe drop it)** SP - 11   charffy
10. Issue 15 (user profile) SP - 8   caleb
11. Issue 12 (QR) SP - 5   anthony
12. Issue 13 (QR) SP - 15   anthony
13. Issue 16 (user profile) SP - 7   caleb

Firestore collections:
Experiment: (key: keyword)
Trial
Questions
Replies

Assigned tasks:
Charffy: firestore, create collections, questions related: issue 9, 11; searching: issue 19
Caleb: Issue 15. Issue 16 both related to profile. Issue 18 (keyword search)
Ananya: Issue 23 firestore googling
Marzook: Issue 5, adding trials
Anthony: issue 12 13
Anisha: Issue 1, issue 4, issue 5

Resources:
Graph library : https://github.com/jjoe64/GraphView/wiki/Summary-and-Features

Graphs(For reference): [GraphLib: An open source Android library for graphs | InfoWorld](#)
Related video to the graph library:
https://www.youtube.com/watch?v=VriiDn676PQ

Video related to Geo-map with related library:
https://www.youtube.com/watch?v=boyyLhXAZAQ

Documentation for GoogleMap:
https://developers.google.com/maps/documentation/android-sdk/start#getting_the_google_maps_android_api_v2

Add markers to GoogleMap:
https://developers.google.com/maps/documentation/android-sdk/marker

Search(in firestore): [Full-text search | Firebase (google.com)](#)
Video for instant Search in firestore: [Flutter - Instant search with Firestore - YouTube](#)
Search(Could be helpful):
https://stackoverflow.com/questions/53991448/how-to-search-list-of-data-from-firebase-firestore-using-android-searchview

Geo-Queries (_not sure if gonna be useful_**):** [Geo queries | Firebase (google.com)](#)

QR Codes: [How to Generate QR Code in Android? - GeeksforGeeks](#)

<mark>**Before next meeting:**</mark>
1. **The model part: basic classes, attributes, methods**
   a. **Write code documents = comments**
   b. **Javadocs /** text */ @param @return**
   c. **@author (your name)**
2. **Draft GUI (if you have time)**
3. **Write some unit test to test your methods (if you have time)**
4. **Write code in your personal android project (keep a backup)**

<mark>**Plan for next meeting: (Wed)**</mark>
1. **Update: Explain the goal and rationale of classes and methods you implemented.**

2. **Maybe a draft GUI to display**
3. **Introduce the GUI you plan to show (layout, activity pages)**