

Meeting: 2021.3.12 Fri 12pm

Update (What's get done):

Charffy:

1. Keep updating DiscussionActivity and QuestionActivity, decide to keep Post(abstract), Question, Reply, QuestionActivity
2. Try to customize the ArrayAdapter so that it can handle different objects for different list views.
3. Keep working on retrieving sub collections in firestore.
4. Post needs user, date? For now, just ignore them, only show text.
5. Content layout for question, reply is done.

Caleb:

- Firestore connection between User/AutoID generation is almost complete, just fine tuning some code and ensure all edge cases are covered.
- Profile and User classes are pretty much done, plan on finalizing and adding javadocs to finished classes.
- GUI for profile has all needed Views and is in final steps of being finished. Need to add a few more listener methods and edit dialog then will establish connections between firestore.

Ananya: Implemented dragging the marker on the map. Added Confirmation dialog box so users can confirm it is indeed the location they want to use. Added showing address label on the marker. Updated UML for location.

Marzook: Implemented the three dot menu, Added the location button on trials, completed the xml for custom list, connected a few classes for a trial run of the app.

Anthony: Finished UI for scanning, Scanning feature implemented (can get the number of the barcode), passing barcode back to experiment activity added, Finished passing text to be generated into QR into the generate QR activity

Anisha: experiment display activity, experiment publish activity added (still working on it) along with the layouts

- To discuss:
1. Error in adding exp to Firestore (error: missing or insufficient permissions)
 2. Location/Region for exp... might have to require a map to select region or add latitude and longitude as mentioned by the prof (Discuss with Ananya for map)
 3. How to get the current user/ owner (Ask Caleb)

Sprint Planning:

User Stories (updates):

Assigned tasks:

Charffy:

1. Finish DiscussionActivity, QuestionActivity, create intent inside DisplayExperimentActivity to go to DiscussionActivity.
2. Finish updating the firestore collections: Question; sub-collection: Reply. Get reference from the related User and Experiment. Experiment: using putExtra give it to DiscussionActivity; current user: User class can do that (so I can still show the author)
3. Continue working on customize array adapter, if I cannot make it work, I will create different classes for the other adapters
4. Polish the layouts for the two activities
5. Create Manager classes for Discussion

Caleb: Have to make a new method that will grab the users displayname based off of UUID. Complete SearchingActivity.

Ananya: Fix API related errors and make sure activity runs each and every time. Start testing.

Marzook: Check with Alex if current set up of Trial class is okay, if not, change it. Test app with different types of trials. Add java docs

Anthony: Connect scanning activity to “display_experiment_activity”, Figure out which activity to pass the scanned text back to, Add javadocs to everything

Anisha: Get publish experiment working completely and push it to github. And get display experiment activity to list the selected experiment’s details from firestore. Implement custom list for experiment list/main activity

Before next meeting:

1. **Sprint Review:** your updates according to Alex’s feedbacks in the feedback google doc (everyone should write down something you have done in response to Alex’s suggestions)
2. **When you create test classes, make sure you have “Test...” in the name.** (a general test class that is responsible for testing methods from classes that have close collaboration)
3. **UML:** fix the UML to meet your requirements of the code.
4. **Product Backlog:** update the user stories when you meet some issues. (add comments under that issue on github)
5. **Update storyboard:** very last thing do.

Planning for next week:

Plan for next meeting: (Mon)

1. Finish individual work, make sure it works.
2. Talk about integration

Plan for next meeting: (Wed)

1. Documentation: UML
2. Test case
3. Code convention

Plan for next TA meeting: (Thu)

1. Demo
2. Final polish of the UML and storyboard

Plan for next meeting: (Fri)

1. Check the updated version of UML and storyboard
2. Update them on wiki

Resources:

Could be useful for Checking the region stuff : [Create and monitor geofences | Android Developers](#)