

VECKA 6: Gör kollegial granskning och fortsätter med 6 (Bygga på mer funktionalitet, tester, kvalitetsverktyg, dokumentation)

Meeting Agenda (Group: Alpha)

Date: 2020-10-05

Chair: Sophia Pham

Participants: Mathias Drage, Benjamin Sannholm, Bashar Oumari, Pontus Nellgård, Sophia Pham

Objectives (5 min)

- Review last week's work
 - Any problems?
- Decide on user stories for this week's sprint
- Assign user stories
- Peer review (when and how)
- Discuss strategies for testing (Maybe)
- Discuss strategies for static analysis tools (Maybe)

Reports (15 min) from previous meeting

- The SDD and RAD were worked on by all members and were handed in for peer review.
- Sophia has finished saving a broadcast to the database when it has been edited (user story #6). This has been merged to master. Testing and documentation are in progress.
- Benjamin has finished terminating broadcasts when the user walks too far away (user story #9). Testing and documentation are in progress.
- Continuous integration was setup on GitHub through GitHub Actions.
- Methods for testing UI and other parts of the application were researched by multiple members.
- Bashar has worked on implementing Facebook login and refactored Google authentication code (user story #12). However, it was decided that it will take too much time to implement the Facebook login compared to the user value it provides for the moment, so this has been scrapped.
- Mathias has committed some more unit tests for the model, and also committed instrumental tests for login and registration.
- Pontus has begun adding a datepicker and two timepickers for the addBroadcastfragment one for when the broadcast study session should begin and one for when the study session should end. Created a test for adding a broadcast. There is a problem with beginning the application test on the addBroadcastfragment.

Discussion items and outcomes (35 min)

- Review last week's work
 - Terminating broadcasts by distance has been merged (user story #9).
 - We have looked at the tests written by Sophia and Mathias.

- Decide on user stories for this week's sprint (Assign user stories)
 - We will focus on writing tests and updating the documentation (RAD & SDD) of previous stories because we have not been very proficient at it.
 - Bashar will continue on login and registration (user story #12).
 - If there is time then we will move on to User Story #10, #15, #35 and #36 else these will be next week's assignment.
- Peer review (when and how)
 - Will be done on Wednesday.
 - Everyone will have a look beforehand.
- Discuss strategies for testing
 - Focus on unit tests of model classes and some UI tests
 - Skip integration tests which interact with Firebase/Android APIs for now
 - Figure out how to get a coverage report
- Discuss strategies for static analysis tools
 - A dependency graph would be useful (maybe later)

Assignments (5 min)

- Sophia will test these classes: BroadcastInfoWindowFragment, CourseCode & MapCoordinates, BroadcastId, NavigationTest
- Pontus will test these classes: AddBroadcastFragment, LostMapFragment, MapScreenFragment, MapViewModel.
- Mathias: Tests for Broadcast, Course, User, Gps, Registration, Login, User Story #36
- Benjamin: Test for BroadcastRepository (FirebaseBroadcastRepository), Testing Coverage report
- Bashar: Finish login and register
- Everyone: Take a look at the code before Wednesday and then write the Peer Review together.
- Classes that should be tested after, if there is any time:
PermissionUtil, CurrentDateLiveData,
FirebaseQueryLiveData, BroadcastService, BroadcastServiceImpl

Wrap up

- Next team meeting: Wednesday 2020-10-07 at 14:15
- Next supervision meeting: Wednesday 2020-10-07 at 13:15