VECKA 8: Samma som 6 (Bygga på mer funktionalitet, tester, kvalitetsverktyg, dokumentation)

Meeting Agenda (Group: Alpha)

Date: 2020-10-19
Chair: Bashar Oumari
Participants: Benjamin Sannholm, Mattias Drage, Sophia Pham, Bashar Oumari, Pontus Nellgård

Objectives (5 min)

- Determine if any more refactoring is required
- Determine what user experience issues and bugs are left and should be fixed
- Potentially freeze codebase (Besides comments and minor cleanup)
- Review of testing and determine what testing is left
- Determine what in-code documentation and cleanup is still left
- Update Scrum board
- Work on material for RAD & SDD

Reports (15 min) from previous meeting

- Sophia has finished her testing classes.
- Mathias has worked on refactorization and made UML-diagrams for each package in the program.
- Pontus (could not attend the meeting so this is a post-addition) finished testing Addbroacast. There are some prerequisites commented at the beginning of the class. Such as deleting the added broadcast between tests. This is because there is no way to get the broadcast id from a test environment, the test therefore uses a matching of the description set.
- Bashar has fixed some issues regarding navigation.
- Benjamin has worked on refactoring, commenting and generally cleaning the code.
- We got STAN to work so we can assess the quality of the code structure. This helped us to solve two cycles in the code.

Discussion items and outcomes (35 min)

- Refactoring
  - Put services into sub-packages
  - Move the single method in MapUtil into MapCoordinates
  - Add factory for BroadcastService
  - Remove User class
- No bugs or UX issues to fix
- We decide to not make any further changes to the code, besides tests, comments and minor cleanup which does not affect the structure or functionality of the code.
- Testing
  - Sophia got a recorded test covering the whole process of creating, editing and deleting a broadcast to work.

- - - Got 3 failing instrumental tests
      - Sophia fixed LoginTest
      - Benjamin fixed RegistrationTest
      - AddBroadcastFragmentTest.addEmptyBroadcast **is failing, fixed (Benjamin)**
    - Parts of the application most in need of test coverage
      1. Login and registration screens test process **done (Sophia)**
      2. Login service **done (Bashar)**
      3. UserId (with empty string also) **done (Mathias)**
      4. BroadcastService **done (Mathias)**
      5. Broadcast filtering by course **done (Mathias)**
      6. MapCoordinates.distanceTo **done (Sophia)**
      7. Broadcast.isActive **done (Mathias)**
      8. CourseCode with empty string **done (Sophia)**
      9. Press cancel in AddBroadcastFragmentTest **done (Benjamin)**
- Code documentation and cleanup (what to check)
    - Header comment with responsibility description, authors, used by and uses, **done (Benjamin)**
    - No unneeded commented out code **done (Benjamin)**
    - Auto formatting run on all classes (no unneeded imports) **done (Benjamin)**
- Scrum board updated and synced with RAD
- Everyone worked on RAD & SDD

Assignments (5 min)

- Everyone will meet again tomorrow to continue on testing, RAD & SDD.

Wrap up

- Next team meeting: Tuesday 2020-10-20 at 9:15
- Next supervision meeting: Wednesday 2020-10-21 at 13:15