

MEETING AGENDA

DATE: WEDNESDAY, APRIL 26, 2017

CHAIR: FELIX

PARTICIPANTS: ELIAS, FELIX AND ZACK

1. OBJECTIVES (5 MIN). RESOLVE ANY ISSUES PREVENTING THE TEAM TO CONTINUE.

- Short clear descriptions

OBJECTIVES

- Recap Iteration 1
- Refactoring

2. REPORTS (15 MIN) FROM PREVIOUS MEETING

- Each group member reports outcome of assigned issues, see also 4)

REPORTS

There is a certain bug with the ViewHolder of the RecyclerView in the application, where we filter our displayed list of tasks to a certain category and add another task, the task loses focus. Also, if the task which originally was held in the same ViewHolder was checked off, the newly created task will be checked off.

Felix and Elias has looked more into this and possibly found a solution by creating a databinding class for each task in the ViewHolder. This databinding will reset all fields and reset all animations, fields etc. and set everything up anew.

Zack has finished the storage class and all tests pass. However, there is a big difference between the actual Android storage functionality and the current implementation. This leads to difficulties when testing the actual class for the application. The solution to this will be to save the old implementation for testing, and then have an Android version of the same class for the actual application.

There is also a problem with when the data will be stored, because the function onDestroy is unreliable, the data will be stored on onPause instead, which means that data will be stored and loaded every time the app is minimized and maximized.

FROM PREVIOUS MEETING

Elias and Felix have worked on the topics from last meeting and the following have been finished: Toolbar headline change, Categories bound to their button in Navigation Drawer, Navigation Drawer Animation. The rest are to be discussed a bit further during objective 2, Refactoring of this meeting.

3. DISCUSSION ITEMS (35 MIN)

- Discuss issues from 1 and 2, possibly new or more general issues (very short notes and/or keywords)

DISCUSSION

RECAP ITERATION 1

The group discussed the different topics on how the application works so far and what is necessary to extend the implementation further.

REFACTORING

Refactoring on different levels was discussed. Architectural, behavioral and structural patterns and designs were brought up and delegation of work will be discussed further.

4. OUTCOMES AND ASSIGNMENTS (5 MIN)

- Outcomes from 3). I.e. write down what's decided and why it was decided? Sync with other documentation (add terms to wordbook)
- From outcomes, 1), 2) and 3) (re)assign each group member issues to solve.

OUTCOMES

RECAP ITERATION 1

There was a discussion regarding the defensive copies of the `getTasks()` method and whether it should be used or not. Felix and Elias will take a look on it during the refactoring process and come to a fitting consensus then.

Nothing more got remarked, but there probably is more stuff...

REFACTORING

The MVC-structure will be refactored into a MVP-structure, as to avoid code duplication and delegation between activities. The activities will instead be an integral part of the Views. This will also make the Presenter (Main Controller) testable with mockito.

We will implement listeners onto the Model for the Presenter to handle and inform the Views of changes.

We will try to encapsulate the different components to isolate the different packages.

Refactoring of the adapter for the RecyclerView will be done and a form of databinding will be implemented for the ViewHolder. This way, we will try to avoid creating a new adapter each time a new category is chosen.

ASSIGNMENTS

Zack will assure that the save and load implementation functions properly for the Android platform. He will also implement listeners for different classes in the Model for later use in the refactoring stage.

Felix and Elias will work on refactoring to MVP and also handle the current bug regarding RecyclerView.

5. WRAP UP - WRITE DOWN UNRESOLVED ISSUES FOR NEXT MEETING.

- Time and location for next meeting

PLANNING

We plan to have a meeting on either Friday the 28th or Saturday the 29th of April in the ML building.