

Group: LEEFO

Date: 2021-09-21

Chair: Eugene Dvoryankov

Secretary:

Participants: Linus Lundgren, Emelie Edberg, Eugene Dvoryankov, Felix Edholm, Omar Sulaiman

## #1 Objectives

1. Check where we are
2. Delegate new work tasks

## #2 Reports from previous meeting

**Eugene:** continued on research about pie charts. Got help with Gradle from Emelie.

**Emelie:** Wrote a first version of RAD. Wrote code for list view on home screen.

**Felix:** Has written junit test for methods in design model. Some tests however need to be rewritten to correspond to implementation in model classes.

**Linus:** Has started working on model. Has created Transaction and Category classes as well as handler classes for both of these.

**Omar:** Created the database manager class that is supposed to save all needed information about transactions and categories. A problem occurred when trying to relate the tables that were created. The task has been done but it is still incomplete.

## #3 Discussion items

1. Discuss implementation of database handler and its relation to the TransactionHandler and the CategoryHandler.
2. Discuss implementation of observer pattern.

## #4 Outcomes and assignments

We have deliberated on how the database should be implemented and arrived at the conclusion that a singleton pattern would be appropriate. We have also discussed how we should implement the observer pattern. Since we have multiple handlers (TransactionHandler and CategoryHandler) in the model, where should the observer objects be stored? We concluded that an effective solution in terms of dependencies might be to create an abstract class from which both the TransactionHandler and the CategoryHandler will inherit, which will contain a static list of Observer objects.

Assignments:

**Linus:** Create third iteration of the design model. Continue working on TransactionHandler and CategoryHandler.

**Felix:** Create and work on controller class.

**Emelie:** Work on new Transaction Fragment.

**Eugene:** Pie chart.

**Omar:** Finish database.

## #5 Wrap up

Next meeting thursday 2021-09-23 13:15.