

Group: LEEFO

Date: 2021-09-30

Chair: Emelie Edberg

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

#1 Objectives

Create design model iteration 7: change names according to Pelles recommendations

Start implementing the changes after meeting with Pelle.

#2 Reports from previous meeting

Felix: Has created design model iteration 5 and 6. Created and worked on DataHandler class.

Linus: Updated Controller, Transaction and Category according to the latest iteration of the design model. Also created Command class functionality (TransactionRequest).

Emelie: Added the feature of viewing a single category:s transaction in a list, when selecting a category. Also worked on the new iteration of the model and connected it to the view. Implemented some methods in the class TransactionModel. Worked with Eugene on fragments for managing categories and edit transactions.

Eugene: Added fragments for new category and edit category, and edit transaction, (add delete category button).

Omar: Tried changing some stuff in the database and was unable to do more due to unstable changes in the structure of the project.

We also received comments on our current design model from Pelle, most of which was positive with minor changes that we will implement during this meeting.

#3 Discussion items

How should the next design iteration look?

Where should we initialize classes?

How can we clarify some method and class names?

How can we clarify the class diagram for someone not familiar with our project?

#4 Outcomes and assignments

We should still initialize the backend in Controller. Doing it in MainActivity would be more work than it is worth with the current implementations.

The DataSaver class as it is in design model iteration 6 will be an interface implemented by DatabaseManager instead of its own class. DataSaver should be renamed to IDatabase.

DataHandler should be renamed to TransactionModel. TransactionModel could also be split into two classes. One for handling the transaction list and one for handling the category list.

Transaction should be renamed to FinancialTransaction because Transaction is also a term in databases.

getSum() in TranscationModel should be renamed to getTransactionSum() to clarify.

Parameter names should be clarified in some methods. For example editCategory(Category oldCategory, Category editedCategory). This is to clarify what arguments the methods actually take.

TODO

Eugene: Continue working with list items in homeListViewFragment. Add Income/Outcome RadioGroup to New Category Fragment.

Felix: Implement save function in TransactionModel. Once again try to create unit tests with the more object oriented design.

Linus: Search transaction method in TransactionModel. addTransaction. Sort list from database by dates.

Emelie: Create the textfields for TotalIncome, TotalExpense and Balance in the view. Maybe start working on the button for changing month.

#5 Wrap up

Next meeting monday 2021-10-04 10:00 in room KG34.