Facilitator: Yenan Wang
Participants: Oscar Sanner, Olof Sjögren, Alex Phu, Yenan Wang
Location: Johanneberg & Online
Date: 2020-10-15 & 2020-10-16

Meeting Agenda

Group meeting for group GoAyo.

§1 Objectives

- Meeting with Pelle
- Examine the peer review for our project
- Decide and distribute the "final" tasks

§2 Reports

- Nothing to report

§3 Discussion Items

- Question to ask Pelle
    - EventBus
    - JsonString
    - JsonFactory
    - Database
    - Up-coming assignments
- Peer review
- Tasks

§4 Outcomes and Assignments

- Meeting with Pelle
    - EventBus
        - Java's garbage collector cleans a reference only when nothing is referencing it.
        - HashMap saves the weak references as keys
        - Possible memory leak with *onCleared()* method
            - It might not be called
            - It resembles *finalize()* method
    - *finalize()* is pretty much Java's destructor

- - - The method calls before it gets garbage collected
      - You **don't** know when that happens
    - JsonString
      - Override the *init* methods since they are mostly the same
      - The documentations are fine if they need to be passed around in the model
    - JsonFactory
      - JsonFactory could be a Singleton
      - Pelle demonstrated a black magic trick in Java for Singleton
      - The correct way to make a Singleton in Java

        ```
        enum SingletonClass {
            ;
            // methods
        }
        ```
    - final attribute
      - If no compilation error occurs, then a variable should be final by default
    - Test
      - Use a seed to generate randomized tests so that the tests still are the same
      - You can't track down the failed test if the tests are random every time
- Peer review
  - The *Account* class might be renamed to *Session*
    - Low priority
  - The other points stated were already resolved throughout the iterations
- Tasks
  - Fix the problem where list items randomize their positions when refreshed
    - Assignee: Alex & Yenan
  - Add *Date* parameter in database for *Debt* and *Payment*
    - Assignee: Oscar
  - Implement correct *Exceptions*
    - Assignee: Olof & Oscar
  - Merge *ModelEngine* Singleton pattern removal branch
    - Assignee: Yenan
  - Decimal rounding bug
    - Assignee: Olof
  - JavaDocs
    - Assignee: Everyone
  - Fix tests
    - Assignee: *T.B.D.*

§5 End of Meeting

- To be determined later