Facilitator: Filip Andréasson
Participants: Gustav Häger, Benjamin Vinnerholt, Gustaf Spjut, Jonathan
Köre, Filip Andréasson
Date: 2018-10-18

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# 1 Meeting Agenda

Group meeting for Basta_Gruppen_LTD, group ID: 19.

# 2 Objectives (5 min)

Discuss what needs to be done, and in what order until the deadline on Sunday
- Fixing Gradle.
- Fixing Readme on GitHub.
- gitignore (build).
- Discuss design patterns
- Create more diagrams for the SDD
- Discuss testing
- Cleaning the code
- Logic in the view
- Model should be smart
- Javadoc

# 3 Reports (15 min) from previous meeting

Gustaf has finished manager user story, a manager can now create users. In
addition he has also created a controller for the userPageView and started refac-
toring the tests to work with the new createUser function.

Gustav has updated the SDD and the RAD with new screenshots from STAN
and jacoco. He has started looking at code formatting tools, namely googles
code formatting tool and will look into it further if IntelliJ's inbuilt formatter
doesn't suffice.

Jonathan finished the sequence diagram from the Login method, and updated
the multiplicities for the domain model UML diagram.

Filip implemented being able to see participants in conversations and cleaning
up and improving existing code in the entire project.

Benjamin has implemented functionality to view the participants of a conver-
sation. Benjamin has also made minor code fixes such as formatting.

# 4 Discussion items (35 min)

Documentation
What needs to be done.

- **Fixing Gradle.**
  One should be able to run the program through the terminal with "gradlew
  run". This is not the case and should be fixed. Gradle application might
  be a solution.

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- **Fixing Readme on GitHub.**
  Provide information in the README-file on github explaining how to
  build and run the program.

- **gitignore (build).**
  Everything that is created when running the program needs to be in ver-
  sion control. This means that generated folders when building, testing,
  etc needs to be either included in git or in gitignore. In this case we need
  to add things to gitignore.

- **Discuss design patterns.**
  -Observer
  We can create our own Observer and Observable interface, and customize
  it to work with our program. The reason for this would be to eliminate the
  need to use the operator "instanceof" which, according to our supervisor
  Mazdak, is a bad operator to use. -Factory
  By creating a Factory that creates controllers we can abstract the de-
  pendencies between the Controller and View packages. We also need to
  implement interfaces for all the views and controllers.

- **Create more diagrams for the SDD**
  Creating more diagrams in the SDD will visualize and make the code easier
  to understand. The text in the SDD needs to make use of diagrams more.

- **Discuss testing**
  JaCoCo shows what methods needs to be tested to reach 100% code cov-
  erage. These methods should be the sole priority when writing tests.

- **Cleaning the code**
  There are a lot of code that's currently commented-out that needs to either
  be implemented or removed. Also methods such as 'initFillers' needs to
  be removed before the deadline.

- **Logic in the view and Model should be smart**
  We need to remove all model related logic from the view and place it in the
  model. The view needs to be replaceable and the model needs to provide
  the view with everything that is needed for it to operate.

- **Javadoc**
  All public methods need Javadoc. We also need to write header comments
  with authors. This will be hard since almost everybody has worked on
  everything but we can use gitinspector to see who has edited the files and
  derive authors from those reports.

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# 5 Outcomes and assignments (5 min)

Filip will implement the new Observer pattern with counseling from Jonathan.
Filip will also document the code as much as possible.
Benjamin will be implementing functionality to remove users from a conversation. Benjamin will also test User and Conversation. Work on SDD and RAD.
Gustaf will unbreak the tests and implement factory pattern.
Jonathan will continue with the RAD and SDD, and try to help others with
programming if needed. He will try to make a sequence diagram for the infrastructure in the program, He and Gustav will also have a look into making the
program run by using the "gradlew run" command. Gustav will: finish the SDD
and RAD. He will also help with programming as needed. He will implement
interfaces for the infrastructure and improve the ones that exist. Fix gitignore,
edit readme on github.

# 6 Wrap up

Next meeting will be on Monday (22/10) 15:00.