Facilitator: Hugo Ekstrand
Participants: Hugo Ekstrand, Love Gustafsson, Elias Ersson, Isak Gustafsson
Date: 2021-10-07

Meeting Agenda

Group meeting for group C7

§1 Objectives

- We need to turn in project snapshot for peer review.
- We need to decide when to do peer review.
- We need to discuss code consistency.
- We need to discuss interfaces and factories.
- Discuss what further must be structured up regarding MVC.
- We need to all write on the RAD and SDD.
- Review the Project task/class and discuss the rest of the user story.
- Review Layer Manager class.

§2 Reports

Hugo Ekstrand:
- Has done View portion of MVC refactor.
- Has entered some finished user stories into RAD and updated domain model so that it uses the project class.

Love Gustafsson:
- Finished the LayerManager. (Added blend method and method for swapping layer postion).

Isak Gustafsson:
- Finished concrete implementation of project. Still needs to do an interface for it.

Elias Ersson:
- Fixed scaling issue where GUI did not scale with window. I.e. When resizing the window the GUI stayed the same size.
- Worked on the MVC refactor. Made the Controller more modular by breaking it into more subcomponents such as ToolsController (toolbox pane) and ToolPropertyController (tool settings pane).

§3 Discussion Items

1. What needs to be done before we turn in the snapshot?
2. What time should we do the peer review?

3. The code is not consistent enough. Some people write instance variables as pckg-private some write them as private. Some methods are long and others are short.
4. We need to all be on board about how we utilize factories and interfaces.
5. What more has to be done in the MVC refactor? Is it structued enough as it is now or do we need more separation?
6. We need to write more documentation. As we finish user stories and sprints we need to better update the domain model and the SDD.
7. How does the Project class look? Do we want to change anything? And who should do the rest of the user story (i.e. GUI for creating custom canvas size)?

§4 Outcomes and assignments

Outcomes:

1. We will do some details, adding missing jdoc. We do not have the time to do more.
2. We booked a longer time on 2021-10-12 09:00-12:45 at M1203A.
3. We will need to refactor some old parts of the code so that no instance variable is pckg-private.
4. We've decided that everyone should make interfaces and factories so that there are minimal concrete dependencies and so that the code is consistent. Before some portions of the code had interfaces and factories because everyone did not have quite the same code style.
5. We still need to make the controller more modular. Remove concrete dependencies on subcomponent controllers via an interface and factory so that one can easily change the subcomponent concrete implementations.
6. We decided we will write more on the SDD and RAD, so that we catch up, more next week. We will check how the current state of the SDD and RAD is according to our supervisor and potentially receive feedback about how we've currently written it.
7. Project…
   a. Project should have an interface to the Project class so that we do not have any dependency on it (since it not an interface and a concrete class).
   b. We will create some form of way to create a new project via the file menu.

Assignments:

Hugo Ekstrand:

- Will add tools for transforming individual layers (translating, rotating, and scaling them).
- Will make brushes compatible with the Layer scaling.

Isak Gustafsson:

- Will make interface for Project and add a few missing tests for Project.

- Write on the SDD.

Love Gustafsson:

- Add missing tests for LayerManager.
- Will create a LayerFactory to decrease concrete dependencies in classes for e.g. loading layers from a file.

§5 End of Meeting

Next meeting is Friday 2021-10-07, 13:00, at EG-3207A