Assignment 5 Sprint 4

**Team Members:**

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**Sprint Backlog**

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| **Product Items** | **Acceptance Criteria** | **Estimation**  **(time/LOC)**  **Man hours** | **Priority** |
| As a user, I want to compile the chart on every tab to Garphviz language, so that I can understand the meaning of the chart.  Tasks:   1. Add a compile panel right beside the workspace and put a JtextPane in it. 2. Create a dialog to let user enter the name of whole graph. 3. Translate the chart on each tab to Graphviz language and show result in compile panel. | When clicking the “Compile” Button, a dialog will show up to let user enter the name. After that, the compiled text will show on the right panel. If user copy and paste the text to Graphviz editor, it will show a graph which match the origin chart. | 10 | 1 |

**Burndown Chart**

**Retrospective**

What went well?

The whole sprint went well as we planned. Everyone has their own tasks and we had stand-up meeting everyday to adjust our tasks so that we can make sure everything went well. The estimated burndown is similar to the actual burndown.

What went wrong?

We wasted some time when we tried to integrate what we were doing together.

What needs to be improved?

Before we start doing our own stuff, we should discuss how we want to implement our part of the functionality so that we can reduce the time wasted when integrating.

**Review**

For sprint 2 of the assignment, our goal was to complete the whole project. Thus, we chose all the rest of user stories listed in the PBI. At the end of this sprint, we finished all the user stories listed in our storyboard and the project could meet the requirements we planned to meet.

In the working application we implemented, the blocks in our working space can be connected, and the input can be connected to the output. When we click on an input, it and all the outputs that can be connected to it will turn green. When we click the input and output we want to connect in order, a line will appear between them. At the same time, we have four buttons in the top panel, namely "New Space", "Save", "Load", and "Compile". When we click "New Space", a new tab will appear in our When we click on a different tab, the working space will switch to this new tab. When we click "Save", we can save the working space we want to save in the form of a file. When we click "Load", we can select one of the previously saved files and load it. When we click "Compile", we can compile the blocks in our current working space.