

Self-Evaluation

Xinkai Wang

Sprint 1:

User Story:

1. As a user, I want to create blocks in the workspace and drag and drop the blocks in the workspace, so that I can easily realign them.

In Sprint1, I first used the MVC pattern to build the infrastructure for the entire project. Then the following functions were realized after the other team members completed the interface design.

- a. Clicking any icon in the icon container will generate an icon of the same type in the workspace.
- b. The icon in workspace can be dragged and dropped at will.

Sprint 2:

User Story:

1. As a user, I want to save my workspace into a file, so that I can review it later.
2. As a user, I want to load the file that is saved in my device, so that I can review what I used to create.

In Sprint2, I was primarily responsible for implementing the store and read functions. I added the Save and Load buttons to the home screen and JFileChooser for each of them. With the storage function, the user can store the chart in the current tab as a file in TXT format. The TXT file can be restored

to the original chart at any time using the Load function.

Sprint 3:

User Story:

1. As a user, I want a draggable Left parenthesis oval block on the left top of the Workspace when I create a new tab, so that I can use it to connect other oval blocks.
2. As a user, I want a draggable right parenthesis oval block on the right bottom of the Workspace when I create a new tab, so that I can use it to connect other oval blocks.

In Sprint3, I was primarily responsible for displaying the open bracket icon and the close bracket icon in the workspace as the initial icon each time a new tab was created. I am also responsible for splitting the parenthesis icon into left parenthesis and right parenthesis.

Sprint 4:

User Story:

1. 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.

In Sprint4, I was responsible for compiling the charts in the workspace into a document formatted as Graphviz and displaying them on the home screen.