

# **Sprint 2 Retrospective**

## **What went well in the sprint?**

- The Sprint goal was met, and all the user stories have been completed and tested successfully.
- The team made good contribution towards resolving all the bugs and issues.
- The connections are being validated on click of the compile button and all the structures are validated according to the given validation principle.
- The application is able to save the current state of each tab and the same is applicable to multiple tabs also.
- Able to load the latest saved state of only the saved tabs in the list of opened tabs.
- Able to store a value in the value holder block and load the latest entry of the value in the value holder block.
- All the blockers have been resolved since the last sprint and no technical dependencies created in this sprint
- We validate all the tabs at once on click of compile, which increased the complexity but the team handled it efficiently.

## **What could be done better?**

- We have completed the integration testing and all the basic unit testing, but when the structure gets very complicated we might experience some inconsistency in the validation result. We haven't come across such inconsistent results in our testing.
- Since the shape bar connects different shapes, it involves a lot of complexity in handling the lines connectivity. It was observed that the connections to the bar are not stable and we aim to improve this in the upcoming sprint.
- We have a value holder for all the shapes that are currently in the left panel, since the current application of the value block is not clear, we intend to have the block for all the shapes. Moving forward once the application is clear we intend to have it to only one block.

**What didn't go well and needs to be worked upon in the upcoming sprints?**

- When the structure gets very complicated or there are multiple shapes on top of each other there could be some inconsistency in the validation result. We aim to improvise this better in the coming sprints.
- We also aim to improve the UI for the validation result display.