sdmay20-26: Assurance Recipes
Week 12 Report
March 19 - April 2

Team Members

Matthew Smith — *Meeting Facilitator*
Garrett Harkness — *Test Engineer*
Shiwei Wang — *Scribe*
Qiwei Li — *Lead Development Engineer*
Kevan Patel — *Report Manager*

Summary of Progress this Report

During these 2 weeks we met with our client Myra Cohen and agreed to have a working demo by April 2nd. So the team had multiple meetings individually and also worked individually to get this ready for her. We wanted to make sure we pretty much had a working functionality of our app where the user can create a diagram from scratch and have the correct Goal Structured Notation implemented into. The user also should be able to save a template and all of that is centered around the correct GSN as well.

Pending Issues

We still have a few kinks and bugs that need to get worked out. For one, the rendering of a template still needs to be fixed. Also just the overall presentation can certainly use a overhaul for sure so these are some things we do want to make sure to work on.

Plans for Upcoming Reporting Period

During our next report we hope to have pretty much the entire app finished with only minimal bugs to report if any. Right now our biggest bug is rendering a template graph so we do want to make sure to fix that as our primary issue by our next reporting period.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Matthew Smith	Worked on some GSN aspects to the project. Specifically added it so the users can freely edit their text edits based of a simple template procedure. They can use a drop down to edit their texts with filled in fields. This is a similar implementation to how the old Assurance Recipe app worked so we wanted to make sure to have this feature implemented. Also worked on template graph rendering so that it creates a correct looking template graph with the correct shapes implemented into it.	20	

Garrett Harkness	Garrett created and setup testing during this time. He created a good 10-20 tests that tested our nodes in the graph. He also wants to update a lot of markdown files on the github repo so that it can be more up to date as we go along. Garrett's role has been changed to Test Engineer because he has proved to taken the lead on all tests implemented into our project.	10	
Shiwei Wang	Shiwei worked on a new implementation that we wanted to have into the project where the user can save the graphs as a pdf image. The problem with this is after he started to pretty much have this implemented we realized that electron or konva (our drawing library) already actually has this feature implemented so we actually didn't have to worry about that.	10	
Qiwei Li	Qiwei worked largely on the functionality and logic behind our graphs. Created some new interfaces and inheritance so that graphs and template graphs are more correctly related so that we can implement these into our project. Qiwei also worked on the main graph page where users can create graphs from scratch. He added Goal Structured notation into the shapes and allowed text editing for users so they can freely create these graphs. Qiwei also created the base graphs behind template so that it was easier for Matthew to implement his code into template.	30	
Kevan Patel	Kevan worked on trying to allow users to click on specific nodes and freely text edit them. This was a task that proved to be very difficult and at this point we may not need this. It can certainly be something we can try to add in at the end of the project if we have time.	20	

Gitlab Activity Summary

Nothing to report.