

## sdmay20-26: Assurance Recipes

Week 3 Report

October 7 - October 21

### Team Members

Garrett Harkness — *Chief Engineer*

Matt Smith — *Meeting Facilitator*

Shiwei Wang — *Test Engineer*

Kevan Patel — *Report Manager*

QiWei Lee — *Scribe*

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### Summary of Progress this Report

October 10th: We met with our faculty advisor and discussed issues that were present with the existing site. One of our advisors former students was present on campus, so he attended our meeting as well to talk about issues that they faced when developing the original web app that we will be rebuilding. QiWei gave a short presentation on electron by using former code from the first version of the web app as a quick demo to showcase the electron framework. We discussed the pros and cons of choosing an electron app in comparison to a standard web app, and at this point we will be moving forward with an electron based application.

October 14th: We met with our faculty advisor and had a fairly brief meeting where we primarily talked about the user stories we plan to address in our first sprint. We talked about the need for potentially having a beginner and advanced mode for the application, as well as the need for starter templates for common assurance-recipes. We also talked about potential JavaScript based libraries to be used in our application for the purpose of drawing the diagrams. We talked about the pros and cons of allowing users to click and drag certain nodes of the diagram around. We ended the meeting agreeing to due research regarding different libraries we find and potentially developing a small demo for our next meeting.

October 21st: We had to reschedule our meeting for either Thursday or Friday this week due to QiWei being ill and Myra being out of town.

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### Pending Issues

The only current issue would be picking which JavaScript diagramming library we wish to use.

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### Plans for Upcoming Reporting Period

We plan to have a basic implementation at least started that draws a basic starter template of one of the assurance recipes.

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### Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Garrett Harkness	Attended weekly meetings, provided input during meetings, and is helping research potential libraries for the project.	5	

Matt Smith	Helped setup the weekly meetings and helped guide the meetings. Provided input during the meetings and is helping research JavaScript libraries.	5	
Shiwei Wang	Attended weekly meetings, provided input during meetings, and is researching JavaScript libraries.	5	
Kevan Patel	Attended weekly meetings, provided input during the meetings, and is working on researching JavaScript libraries.	5	
QiWei Lee	Attended weekly meetings, provided input during the meetings, and is working on researching JavaScript libraries and prepared Electron demo.	5	

**Gitlab Activity Summary**Nothing to report.

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