

sdmay20-26: Assurance Recipes

Week 1 Report

September 9 - September 23

Team Members

Matthew Smith — *Meeting Facilitator*

Kevan Patel — *Report Manager*

Garrett Harkness — *Chief Engineer*

Shiwei Wang — *Test Engineer*

Qiwei Li — *Scribe*

Summary of Progress this Report

September 9th: We met with our Faculty Advisor Myra Cohen Septemeber 9th. During that meeting, we discussed the beginning of our project requirements, as well as discussing what Assurance Cases actually were in terms on synthetic biology. We also went over the current project that was made and what technologies it used, as well as a mini demo on what the functionality of the current project was in.

September 16: We met again with Myra to go into more detail on the project requirements so that we could work on our Lightning Talk. Some of these requirements include working in an Agile development with weekly meetings. We also discussed what kind of functionality the app needs to have and how we need to generate these assurance cases. Another few other things we discussed were potential ideas for the project like using electron to make a desktop application instead of making it a web application.

September 22: We met to work on our Lightning Talk slides. Each of us divided up the work on the slides and worked on our corresponding portion. We met for about 1-2 hours and discussed any project requirements we may have been missing.

September 23: Had a meeting discussing technologies. Need to come with a definite decision on what we want to use for our app. Leaning towards electron and using Javascript, HTML, and CSS. Possibly won't be using database for this application depending.

Pending Issues

None currently at the moment. The only thing we need is a defined structure and architecture of the project so we know what we need to begin working on.

Plans for Upcoming Reporting Period

Hopefully we have a very defined and detailed architecture and technology for our project. We discussed a few different options so we need to just come up with a conclusion on what we want to do and what Myra also needs from us as well so that it will fill her requirements.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
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Matthew Smith	Wrote the status report as well as facilitated meetings between Myra and the group and also our own personal group meetings. Recorded Lightning talk and helped make slides.	5	
Kevan Patel	Helped Matthew coordinating meeting schedules and helped with facilitating deadlines for our lightning talk. Also contributed to lightning talk slides. Came to meeting with ideas for technologies to use for the project.	5	
Garrett Harkness	Helped with Lightning Talk slides. Helped facilitate project requirements and what they all are. Helped lay out the faculty advisor's important talking points.	5	
Shiwei Wang	Helped out with Lightning Talk slides. Helped facilitate ideas to discuss during the meetings. Helped discuss project requirements.	5	
Qiwei Li	Came prepared at meeting to discuss technologies to use. Came up with Electron idea. Had important talking points at meeting. Helped with Lightning Talks slides.	5	

Gitlab Activity Summary

Nothing to report.
