

EE 491 WEEKLY REPORT 3 Date: 10 February 2017

Group number: Dec1718

Project title: Security assurance case design tool

Client &/Advisor: Lotfi ben Othmane

Team Members &/Role:

- **John Koehn: Concept holder**
- **Brandon Huegli: Team Lead**
- **Chiakang Hung: communication**
- **Jordan Lawrence: Webmaster**

○ **Weekly Summary**

Researched potential relevant existing software. Met as team on our own to discuss what we found, and the project in general. Began moving towards requirements documents and a rough development plan.

○ **Past week accomplishments**

- John Koehn: Worked on finding safety assurance programs to use as an example. Meet with team to discuss what we found. Worked on finding and testing out a java library that would allow us to develop interactive diagrams that the user could modify and edit.
- Brandon Huegli: Experimented with suggested case design program. Continued research into safety assurance case.
- Chiakang Hung: Researched on safety assurance program(updated wiki), met with team to discuss our findings.
- Jordan Lawrence: worked on wiki, researched assurance cases and looked for existing assurance case software.

○ **Pending issues**

- N/A

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>

John Koehn	Looking into safety assurance software and testing out java libraries for the project	4.5	8.5
Brandon Huegli	More research and experimentation into the tool design.	2	6
Chiakang Hung	Researched on safety assurance(updated wiki) and met with team	3	7
Jordan Lawrence	Worked on wiki, researched assurance cases/software	3.5	7.5

○ **Comments and extended discussion**

None at present time.

○ **Plan for coming week**

- John Koehn: On Wednesday the team will meet to discuss the java libraries we found and evaluate which one would be the most effective for the projects. Then discuss project requirements we came up with to present to Dr. Othame. When we meet with Dr. Othame we will then develop the outline for our design document and start initial development
- Brandon Huegli: Design requirements and useful Java library research.
- Chiakang Hung: Will meet with team, finish this week's task, and show our progress to the advisor on Thursday.
- Jordan Lawrence: Draw up rough requirements and research potential libraries to use for project. Organize and add more information to wiki as needed.

○ **Summary of weekly advisor meeting**

Discussed what we had done, and went over the project in more detail. Agreed on an example program to experiment with to help design documentation. Created a

schedule for the next couple weeks (create requirements documents, then move into first phase of development).