

Sprint Planning Meeting Minutes:

Attendees: Alex Castaneira, Anthony Thompson, Jinpan Zheng, Alex Narvaez, Joseph Mejia

Start time: 8:00 P.M. Monday, April 15, 2024

End time: 8:25 P.M. Monday, April 15, 2024

After discussion, the velocity of the team was estimated to be two canvas modules per sprint.

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- As a student I want to review the DCEL data structures, voronoi diagrams, and triangulations possible from our current C++ and Java codebase to present to the audience all possible visuals.
- As a student I want to develop slides by the next product owner meeting, the showcase on Friday, going over the architecture and rest of project aspects for project presentation.
- As a student I want to add to the existing documentation with UMLs, models, user manuals, directions, and checklists for the final documentation paper.
- As a student I want to record and upload on Youtube videos regarding our project software solution for a demonstration, going through a voronoi example getting points on Java and then spitting out txt files in C++ to be graphed in Java and also the installation process.
- As a student I want to record and upload on Youtube videos regarding the introduction of software solutions and project situations with the use of presentation slides that will be used on Friday plus a final video on the shortcomings and possible improvements that can be made by a future capstone group.

The team members indicated their willingness to work on the following user stories.

- Alex Castaneira
 - As a student I want to develop slides by the next product owner meeting, the showcase on Friday, going over the architecture and rest of project aspects for project presentation.
 - As a student I want to record and upload on Youtube videos regarding the introduction of software solutions and project situations with the use of presentation slides that will be used on Friday plus a final video on the shortcomings and possible improvements that can be made by a future capstone group.
- Anthony Thompson
 - As a student, I want to begin to finalize the projects documentation
 - As a student, I want to continue to study C++ and the many features and libraries that could aid in our project development. As well as begin to test the import side of our C++ side of the project
 - As a student I want to review Java and its graphics component used to display certain Computational Geometry data structure and begin to construct examples to show during the showcase.

- Jinpan Zheng
 - As a student I want to clean up C++ code base of the project and add necessary notes for future iteration.
 - As a student, I want to sort out the materials and prepare for the final deliverables.
- Alex Narvaez
 - As a student I want to review and ensure my knowledge of C++ and Java in order to help finalize the project.
 - As a student, I want to help produce the final documentation for the project in order to fully detail how it was finalized and what purpose it serves.
 - As a student, I want to prepare and look over the final materials for the project.
- Joseph Mejia
 - As a student I want to develop slides by the next product owner meeting, the showcase on Friday, going over the architecture and rest of project aspects for project presentation.
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