

Sprint Planning Meeting Minutes:

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

Start time: 6:00 P.M. Tuesday, January 29 2024

End time: 6:25 P.M. Tuesday, January 29 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 continue to review the C++ programming language and acquire a deeper understanding of the language's complexities.
- As a student, I want to download and install the computational geometry algorithms library in my windows machine.
- As a student I want to review the DCEL data structure and algorithms associated with this data structure.
- As a student I want to review the existing code base we are adding to see what we should make as a goal to add or plan towards.
- As a student I want to review the advanced geometric shapes used in our tech stack.

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

- Alex Castaneira
 - As a student I want to review the advanced geometric shapes used in our tech stack.
 - As a student, I want to download and install the computational geometry algorithms library in my windows machine.
- Anthony Thompson
 - As a student, I want to explore CGAL and begin to implement the DCEL data structure
 - As a student, I want to continue to study C++ and the many features and libraries that could aid in our project development
 - As a student I want to review Java and its graphics component used to display certain Computational Geometry data structures.
- Jinpan Zheng
 - As a student I want to review the first most basic geometric algorithms such as pattern printing, lines, triangle, rectangle, square, and circle.
 - As a student, I want to download and install the computational geometry algorithms library in my windows machine.
- Alex Narvaez
 - As a student I want to have a fully functioning CGAL library in which to use and grab resources from when needed.

- As a student, I want to review C++ concepts, commonly used methods, and functions.
- As a student, I want to review and study up on geometrical algorithms relating to the CGAL library.