

Daily Scrum Meeting Minutes:

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

Start time: 8:00 P.M. Zoom Monday March 25, 2024

End time: 8:30 P.M. Zoom Monday March 25, 2024

Alex Castaneira:

- How many hours did I work since the last meeting?
 - I have worked 3 hours since the last meeting, the fifth meeting of week 1 in sprint 5 during week 10.
- What was done since the last scrum meeting?
 - Since our last meeting I have continued working with others on the code regarding implementation for the Java side programs. This includes simple object cases such as circle, triangle, line segment successfully while unsuccessfully ray and polygon. We have met with Professor Hernandez and determined next tasks to do regarding changes in which we are starting to develop with showcase and deadline in mind.
- What is planned to be done until the next scrum meeting?
 - We have met with Professor Hernandez and determined next tasks to do regarding changes in which will develop the final needed polygon switch case and class, imports and exports aspect for both java and C++ side, and finally to start implementation for a simple 2D triangulation for first showcase while waiting for Mr. Hernandez to give the full library. It is planned to meet with Mr. Hernandez next Friday, but to work on developing the above mentioned tasks while checking up with him on final development.
- What are the hurdles?
 - The hurdles are the lack of being able to find a proper implementation for certain geometric objects such as polygons with holes, as info for cgal documentation is a bit lacking and to add is hardest to implement. Another hurdle is finding graphical implementations to showcase beyond triangulation or voronoi diagrams with our basic objects.

Anthony Thompson:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Further work on implementing switch case statements for creating objects in java.
- What is planned to be done until the next scrum meeting?
 - More work on implementing each object in the switch case statements in java.
- What are the hurdles?
 - Polygon switch case implementation is a bit difficult compared to the other classes.

Jinpan Zheng:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Design data processing logic
- What is planned to be done until the next scrum meeting?
 - Implement data processing pipeline for object data
- What are the hurdles?
 - The logic of importing "Point_2" object is a bit complicated due to the data storing structure

Alex Narvaez:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Continued working on toString methods.
- What is planned to be done until the next scrum meeting?
 - Meet with Mr. Hernandez regarding further development and showcase of project.
- What are the hurdles?
 - The hurdles being correctly implementing polygons for certain geometric objects.

Joseph Mejia:

- How many hours did I work since the last meeting?
 - I've worked for 3 hours.
- What was done since the last scrum meeting?
 - I've been focusing on advancing the development of toString methods.
- What is planned to be done until the next scrum meeting?
 - I plan to discuss the continuation of toString methods' implementation with Mr. Hernandez.
- What are the hurdles?
 - I'm encountering challenges with correctly setting up CGAL on my personal device.