

Daily Scrum Meeting Minutes:

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

Start time: 4:45 P.M. Zoom Monday February 5, 2024

End time: 5:50 P.M. Zoom Monday February 5, 2024

Alex Castaneira:

- How many hours did I work since the last meeting?
 - I have worked 3 hours since the last meeting, the fifth and last meeting of week 1 of the sprint 2 during week 4.
- What was done since the last scrum meeting?
 - Since our last meeting I have started to try to run in C++ computational geometry programs. I have been reviewing the notes on the math concepts and how geometric algorithms work and trying to get CGAL to work. I also have been watching videos and trying to install vcpkg properly in 64bit for my personal device based off Anthony's and Jin's experience.
- What is planned to be done until the next scrum meeting?
 - It is planned to meet with Mr. Hernandez next Friday, but to have all installed CGAL properly and to review new concepts like DCEL and other cgal objects.
- What are the hurdles?
 - The hurdles are the lack of being able to find good videos on C++ cgal projects, to familiarize with the library objects and classes, as well as less online resources than expected outside of cgal main homepage.

Anthony Thompson:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Discussing the implementation of our first feature in C++
- What is planned to be done until the next scrum meeting?
 - Implement a code to text file feature for c++
- What are the hurdles?
 - Configuring Libraries for CGAL

Jinpan Zheng:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Read CGAL library documentation.
- What is planned to be done until the next scrum meeting?
 - Explore approaches to export 2D objects' metadata to a file.
- What are the hurdles?
 - Properly format file to store objects' metadata.

Alex Narvaez:

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - Started the first part of looking at DCEL data structures for use in CGAL implementation.
- What is planned to be done until the next scrum meeting?
 - Continued study off C++ methods and algorithms used for CGAL.
- What are the hurdles?
 - The hurdles being properly formatting CGAL completely on my personal device.

Joseph Mejia:

- How many hours did I work since the last meeting?
 - I have logged three hours of work since our previous meeting, which was the second session of Sprint 2 in week three.
- What was done since the last scrum meeting?
 - Post our last scrum, I have progressed with the C++ online course focusing on computational geometry. I've completed my notes on the mathematical principles and the functioning of geometric algorithms.
- What is planned to be done until the next scrum meeting?
 - The agenda includes a meeting with Mr. Hernandez next Friday. This will be our second discussion about getting acquainted with the existing code and tech stack. Additionally, I'll be preparing by configuring the necessary devices.
- What are the hurdles?
 - The main challenges are finding quality C++ videos related to CGAL projects for a better grasp of the library and the geometric algorithms in C++. The available online resources, apart from the CGAL main website, are fewer than anticipated.