

Sprint Backlog Grooming Meeting Minutes #1:

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

Start time: 3:45 P.M. Zoom Tuesday February 5, 2024

End time: 4:30 P.M. Zoom Tuesday February 5, 2024

The following user stories were created/discussed/refined/prioritized.

- User Story #1: The library provides utilization for both Java and C++ programming languages, and must be compatible with both.
- User Story #2: Receive feedback on the simplicity of the process or software for teachers, developers, and students on ease of use.
- User Story #3: Utilitizie computational geometry capabilities from CGAL to visualize geometric objects.
- User Story #4: Make it compatible for the educational setting in which computer graphics, algorithm techniques, and computational geometry teachers find it useful.
- User Story #5: Make the library extensible for future geometric algorithms additions for future capstone groups.
- User Story #6: Abstract framework that is a simple method for adding graphing collections of geometric objects to java programs.
- User Story #7: Visualize or familiarize with online resources and Hernandez notes on the introductory classes/objects like points, line segments, doubly connected edge list(DCEL), and voronoi diagram.
- User Story #8: Create simple program exercises that can implement the doubly connected edge list (DCEL) and voronoi diagram in a bare bones all can use aspect.

The user stories below are completed.

- User Story #3: Utilitizie computational geometry capabilities from CGAL to visualize geometric objects.

The user stories below are in progress.

- User Story #7: Visualize or familiarize with online resources and Hernandez notes on the introductory classes/objects like points, line segments, doubly connected edge list(DCEL), and voronoi diagram.
- User Story #8: Create simple program exercises that can implement the doubly connected edge list (DCEL) and voronoi diagram in a bare bones all can use aspect.