*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #**201**

**Team Member:**

Jose Morgan

**Product Owner(s)**:

Francisco Ortega

**Mentor(s)**:

Francisco Ortega

**Instructor**: Masoud Sadjadi

**User Story** Implement - Make input devices work with the application

* As a user I would want the application to work with multiple input devices such as the Kinect and the Leap Motion.

Acceptance Criteria

* Multiple input devices should be working with application
* Implementation should be done in such a way that it can be easily switched to Vulkan once that is ready.

**Use Case Diagram**



**Sequence Diagram**



**Class Diagram**



**Unit Tests**

Core components such as the draw queue were unit tested as well as methods in the input devices that add to the draw queue.

**Integration Tests**

Multiple users used the leap motion with the application to draw for a few minutes each.