*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID: #727 Evaluate – Machine Learning Algorithms using Weka & Constructed Database

**Name:** Filip Klepsa

**Team Member(s):** Lukas Borges, Cristian Cabrera, Hamilton Chevez, Nicolette Celli, Francico Lozada

**Project:** AR-VR-VE for Computer Science (Multimodal Interaction with ASL use case)

**Product Owner(s)**: Francisco Ortega

**Mentor(s)**: Francisco Ortega

**Instructor**: Francisco Ortega, Masoud Sadjadi

**User Story Name: Evaluate – Machine Learning Algorithms using Weka & Constructed Database**

Description:

* As a developer, I want to evaluate different machine learning algorithms so that I can find the best or most practical solution to recognize gestures in real-time

Acceptance Criteria:

* Evaluate as many MLA’s as reasonably possible and select the one with the highest hit-rate.

**Use Case**:

**Use Case Diagram**

**Sequence Diagram**

**Class Diagram**

**Unit Test** -Coming Soon

* Test case ID:
* Description/Summary of Test:
* Pre-condition:
* Expected Results:
* Actual Result:
* Status (Fail/Pass):

**Integration Test**

**Visual User Guide**