*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID: #726 Build – Database of ASL Alphabet

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**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: Build – Database of ASL Alphabet**

Description:

* As a developer, I need to build a database of gestures so that the application can be trained to recognize those gestures in real-time when performed.

Acceptance Criteria

* Capture vector data for as many ASL letters that can be recognized by the Leap Motion Controller.
* Aim for a sample size of approx. 50 recordings per gesture.

**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**



