*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID #713 Research – Template Matching

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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 case study)

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

**Mentor(s)**: Francisco Ortega

**Instructor**: Francisco Ortega, Masoud Sadjadi

**User Story Name: Research – Template Matching**

Description:

* As a developer, I want to perform research on template matching so that I might be able to implement a working algorithm that can recognize a gesture.

Acceptance Criteria

* Find a suitable and logical way to implement template matching.

**Use Case**

* Name:
* Actor:
* Preconditions:
* Description <Flow of events>:

**Use Case Diagram <**you can use draw.io**>**

**Sequence Diagram**

**Class Diagram**

**Unit Test**

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

**Integration Test**

**Visual User Guide** <like one or two screenshots of the feature. For the hardware project, a photo of device is required>