*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

#671

**Name:** <Name of Person assigned to this feature>

**Team Member(s): Michael A. Garrett, Christian Molto**

**Project: Microdata and Algorithms 1.0**

**Product Owner(s)**: DeEtta Kay Mills

**Mentor(s)**:

**Instructor**: Masoud Sadjadi

**User Story Name: Time Data Point Threshold**

* Description: As a user, I would like to filter results based on the number of data points they have, both vertically and horizontally.

(Ex 1. Exclude results that have < n ADH data points, for any set of ADHs)

(Ex 2. Exclude results for which the number of data points across all results for a queried ADH < m)

Acceptance Criteria

* Data must accept our query for < n ADH data points.
* Data must accept our query for number of data points for all results of ADH < m.

**Use Case**

* Name:Finding a data point in the data.
* Actor:User
* Preconditions:Same as the other four user stories.
* Description <Flow of events>:

1. User will be prompted by application to type input for < n ADH where n is the number of ADH.
2. The User types the number of ADH.
3. The data is displayed based on the user input.
4. Repeat step one for the query of ADH less than what user inputs.
5. The data will show the desired data.

**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>