*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

#668

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**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: Filter By Intensity**

* Description: As a user, I would like to only display records that are within an intensity threshold specified in a query.

Acceptance Criteria

* Being able to filter the data to specific queries inputted by users.

**Use Case**

* Name: Finding organisms based on intensity.
* Actor:User
* Preconditions:Data should accept query.
* Description <Flow of events>:

1. User should set intensity when prompted by the application.
2. Data will display data based on intensity range.

**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>