*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

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**Project:** Microdata and Algorithms 1.0

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

**Mentor(s)**:

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**User Story Name:Intensity Filter**

* Description: **As a** User **I would like** to input a number **so that** I filter out the data within a range.

Acceptance Criteria

* Must accept a csv file data set
* Must create an output file in csv file format.
* Must accept an integer as an input.

**Use Case**

* Name:Intensity filter
* Actor: User
* Preconditions: Must accept the dataset in csv format
* Description <Flow of events>:

1. The user types a number into the prompt.
2. The output file prints that lines that have numbers that are within the range of what the user input.

**Unit Test**

* Test case ID: 3
* Description/Summary of Test: The program is that input lines that are within the user input.
* Pre-condition: Must have dataset in csv format.
* Expected Results: Output file with lines containing numbers in range of user input.
* Actual Result: Nothing
* Status (Fail/Pass):Pass

**Visual User Guide**

