*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story ID #670

**Name:** Christian Molto

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

**Project: Microdata and Algorithms 1.0**

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

**Mentor(s)**:

**Instructor**: Masoud Sadjadi

**User Story Name:**

* Description: As a user, I would like to query for records that display a growth in intensity followed by a sudden decrease so that I can look for genes present in organisms that will rise and fall in intensity corresponding to the stages of death of a cadaver, which can be used to find the time since the death of the human.

**Acceptance Criteria:**

1. Must Accept the dataset in csv format
2. Must output the results in graph form.

**Use Case**

* Name:Intensity depletion discovery
* Actor:User
* Preconditions:Data in csv format.
* Description <Flow of events>:

1. Upload dataset as a csv file.
2. Enter the intensities.
3. Enter the gene name.
4. Display the data as graph’s.

**Unit Test**

* Test case ID: 1
* Description/Summary of Test: Dataset is to display results.
* Pre-condition: Dataset must be csv format.
* Expected Results: Displays graphs as the result.
* Actual Result: Exactly as expected
* Status (Fail/Pass):Pass