*Florida International University*

*School of Computing and Information Sciences*

CIS 4911 - Senior Capstone Project

Software Engineering Focus

Feature Document

User Story # 538

**Team Member:**

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**Product Owner(s)**:

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**Mentor(s)**:

Francisco Ortega

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# **User Story**

* As a User I would like to change the starting width of a line to be drawn in order to allow for varying line sizes to be drawn.

## **Use Case**

Add Check Box on Filters for People Selection

* Details:
* Actor:
  + User
* Pre-conditions:
  + Touch Screen is enabled
  + User can paint lines on canvas
  + User has correctly started program
* Description:
  + Use case begins when User has decided to change the size of the line he or she would like to paint.
  + User can press ‘z’ to decrease size of painted line or ‘x’ to increase the size of the painted line.
  + Use case ends once the user finishes painting a line and the line is a different size
* Post-conditions:
  + The size of the line drawn by user has changed depending on chosen key.
* Alternative Courses of Action:
  + User can decrease the size of line painted by pressing ‘z’ key.
  + User can increase the size of line painted by pressing ‘x’ key.
* Decision Support:
  + Frequency: High , User will need to varied lines to create paintings
  + Criticality: High , Allows Users to depict different desgins with varied size
  + Risk:High , Had to learn new technologies to implement user story
* Constraints:
* Usability:
  + Need to be able to read user guide and follow instructions
* Reliability
  + Reliable
* Performance
  + High , low fairly
* Supportability
  + Multi-touch Screen (ACER)
* Modification History:
  + Owner: Garrett Lemieux
  + Initiation Date 01/30/2015
  + Date last Modified: 02/01/2015

## **Sequence Diagram**

* Need to complete interface design

## **Class Diagram**

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## **Unit Test**

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## **Integration Test**

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## **User Guide**

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