Sprint Backlog

* Create empty window:

STORY POINTS: 1  
PRIORITY: 1  
ASSIGNED TO: all Team Member

* + - Create a ScrollPane and insert it in the JavaFX empty window. This will be the drawingArea.
    - Create an HBox and add it to the top of the JavaFX window. This will be the toolBox that holds buttons, menus and so on.
    - Implement the Command pattern adding a "OperationCommand" interface and the class "OperationExecuter".
    - Implement an interface to apply "State" pattern as described in the architecture, creating the abstract class "DrawShape".
* Select shape position:

STORY POINTS: 1 (before:2)  
PRIORITY: 2 (before 1)  
ASSIGNED TO: Rosario Curcio

* + - Add an event handler on the drawingArea that handles mouse actions (click,drag,drop).
    - Manage the event by calculating the position of the mouse.
* Line segment shape:

STORY POINTS: 2  
PRIORITY: 2 (before:1)  
ASSIGNED TO: Vincenzo Ferraro

* + - Insert a button on the toolBox to choose the line shape.
    - Implement a class in order to use the “line” Shape and draw it on the drawingArea.
    - Implement a command to insert the line on the drawingArea.
* Rectangle shape:

STORY POINTS: 3 (before:2)  
PRIORITY:2 (before:1)  
ASSIGNED TO: Gaia Foroni

* + - Insert a button on the toolBox to choose the rectangle shape.
    - Implement a class in order to use the “Rectangle” Shape and draw it on the drawingArea.
    - Implement a command to insert the rectangle on the drawingArea.
* Ellipse shape:

STORY POINTS: 3 (before:2)  
PRIORITY: 2 (before:1)  
ASSIGNED TO: Giuseppe Fusco

* + - Insert a button on the toolBox to choose the ellipse shape
    - Implement a class in order to use the “Ellipse” Shape and draw it on the drawingArea.
    - Implement a command to insert the ellipse on the drawingArea.
* Outline color:

STORY POINTS: 2  
PRIORITY: 3 (before:2)  
ASSIGNED TO: Giuseppe Fusco

* + - Insert in the toolBox a menu/colorPicker to choose the color of a shape’s outline.
    - Implement a method to apply the chosen color to the shape.
* Filling color:

STORY POINTS: 2  
PRIORITY: 3 (before:2)  
ASSIGNED TO: Gaia Foroni

* + - Insert in the toolBox a menu/colorPicker to choose the color of a shape’s filling.
    - Implement a method to apply the chosen color for the shape on the interior of the shape if it is closed.
* Save on file:

STORY POINTS: 3  
PRIORITY: 3 (before:1)  
ASSIGNED TO: Rosario Curcio

* + - Insert a button in the toolBox to save the drawing window
    - Implements a method to save the drawing on file
* Upload file:

STORY POINTS: 3  
PRIORITY: 3 (before:1)  
ASSIGNED TO: Vincenzo Ferraro

* + - Insert a button in the toolBox to save the drawing window
    - Implements a method to upload the drawing from a file
* Delete Shape:

STORY POINTS: 3  
PRIORITY: 4 (before:3)  
ASSIGNED TO:

* + - Insert a button in the toolBox to delete a shape
    - Add an event handler on the drawingArea that handles mouse actions (pressed). If the position of mouse is on a shape, select it and enable the button delete
    - Implements a method that delete the selected shape if the button delete is pressed.