**Planning Document**

**Use Case – Demonstration of Portfolio Management**

**Scope**

* Running different Shape classes on the web
* Reading a Text File containing descriptions of different shapes
* Creating Instances of the shape objects
* Printing String representations of all the shapes.

**Level**

* User Goal

**Primary Actor**

* Any user interested in registering the application, buying and selling stocks, etc

**Stakeholders and Interest**

* Any user interested in hierarchical shape implementation through Inheritance.

**Pre-Conditions**

* Existence of an input file (Shapes.txt) containing Shape descriptions in a specified format.

**Success Guarantee- Post Conditions**

* User is presented with different shapes

**Main Success Scenario (Basic Flow)**

* User is able to load the file, create instances of shapes object based on input, print String representations of Shapes objects, and draw images of shapes.

**Extensions (Alternative Flow)**

* None