ECS505U Software Engineering Lab Exercise 1

Please create a modified version of the following class diagram using Visual Paradigm with the following instructions:

1) Some of these classes need to be specified as abstract, identify and specify those classes as abstract in you diagram.
2) Specify the types of all the attributes in the diagram. You can select any type, there is no right or wrong answer.
3) Add input parameters (one or more) and return type to the non-inherited methods of lowest level classes (Circle , Ellipse, Rectangle, ArbitraryPolygon and etc…) . You are free to name the parameters and choose variable and return types as you like (e.g. "addPoint(input1 : int, input2 : string) : void").
4) Save your diagram as an image "File -> Export -> Active Diagram as Image" and upload the image to QM+. You can upload your course using the submission link where you find the lab files in QM+.