

## **SE 4376, Object Oriented Design**

### **Assignment #6 – OO Implementation**

For the ATM problem from assignment #5:

- Choose a programming language, e.g., Java, C++, C#, Python.
- Write the code for the classes described in your ATM design class diagram, including attributes and methods (do not write the method bodies).

Is there anything in your design that was difficult to realize in the code, i.e., could you do everything in your design directly in the code? Note that “no problem” is a valid answer (if true).

Unrelated to the ATM problem, in your chosen language can you do multiple inheritance? That is, can a subclass have more than one superclass?

#### Grading Rubric

Code is worth 60 points

Difficulty of implementation question, 20 points

Multiple inheritance question, 20 points

Formatting requirements (name, class, assignment) inside the file & filename, -5 points for each missing