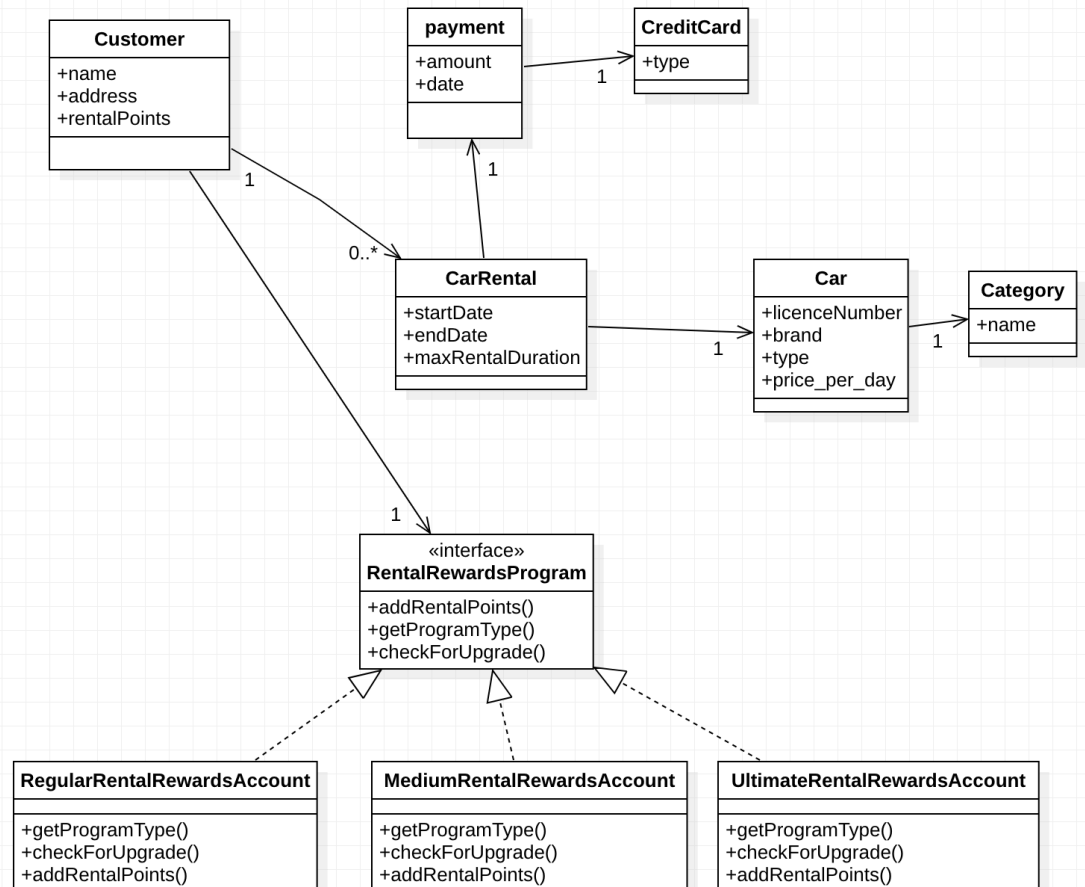
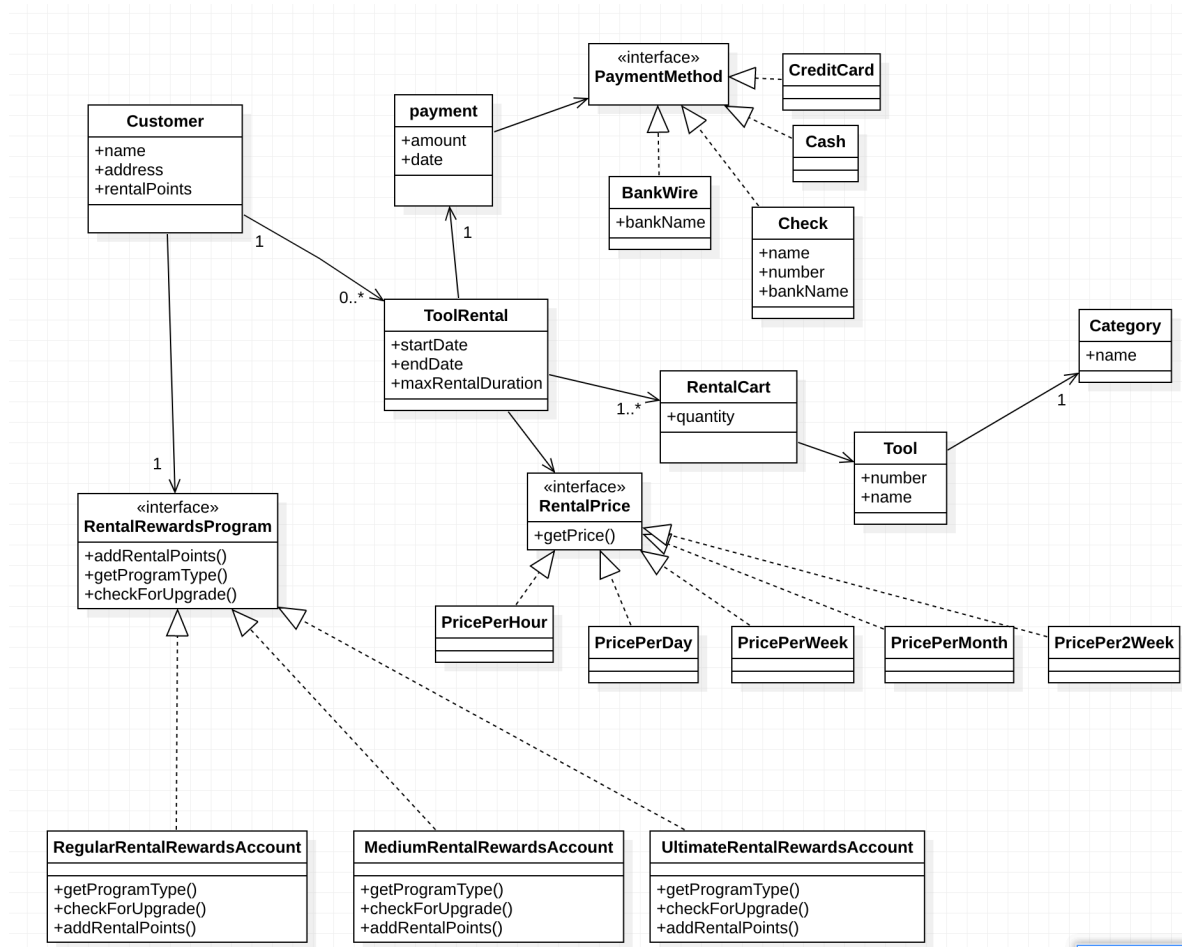


- 1) We have to design a car rental application for one of our customers
  - a. Draw the UML class diagram of the car rental application. Make sure you add all necessary UML elements (interfaces, abstract classes, attributes, methods, multiplicity, etc) to communicate the important parts of your design. You only need to show the domain model of the car rental application, you do not need to worry about GUI classes, database classes, etc.



- b. Draw the UML class diagram of the tool rental application using the framework.  
 So this class diagram should show the design of the framework, and the design of the tool rental application. In the class diagram, show clearly which classes are within the framework, and which classes are outside the framework (based on the requirements for the framework) . Make sure you add all necessary UML elements (interfaces, abstract classes, attributes, methods, multiplicity, etc) to communicate the important parts of your design. You do not need to worry about GUI classes, database classes, etc.



2) Design a hotel room reservation system

