

Suppose we have the following requirements of a Tool Rental application:

- Customers can rent tools for a certain period of time.
- For every customer the system records the following data: name, phone number, email, street, city, zip. Customers also have a customer status: bronze, silver, gold and platinum. The more rentals a customer makes, the higher the status of the customer.
- For every tool the system records the following data: name, quantity available, category and location code. The location code tells where this tool can be found in the warehouse. Every tool has a category name like drilling tools or chainsaws.
- The price for renting a tool is different per tool. Some tools have a day price. Others have a price per hour and some tools have a price per half day. Some tools have even a price per week. Some tools have multiple prices, like both a price per hour and a price per day. For every tool we also keep track of the name, phone and email of the supplier.
- For every rental we record the date and price when the customers starts renting the tool, and the date and time the customer returns the tool. The system then computes the exact time of the rental.
- The price the customer has eventually has to pay depends on a number of factors:
 1. The status of customer
 2. The date of the rental
 3. The category of the tool
- The system will compute this actual price.
- The system will also record every payment made by the customer.
- This tool rental application is used in different countries all over the world and should support different currencies.

Suppose we implement this application as one large monolith (without components). Draw the class diagram of the domain classes of this application. **For every domain class, indicate its type (entity, value object, etc.). Important: only draw the domain classes. Make sure you show all classes, relationships, attributes and methods (if applicable).**

Draw your solution in StarUML and upload your solution as JPEG picture.

Make sure you upload the JPEG picture. In StarUML select File->Export Diagram As -> JPEG (or JPG).