Company X is a company that specializes in the sale of custom-made cars. The company is planning to digitize the car customization process so that customers can easily customize the car of their dreams. Ms. A is the manager of the company and is responsible for the project of developing a custom car system. She explained the system requirements overview to the author and asked him to design and develop the system. The description below shows the information that Ms. A provides related to the system

* The system only provides car customization services. What the customer can do on the system is make a sequence of selections from the menu provided by the system to create their own car.
* The types of custom cars that company X sells include electric cars and supercars.
* Each type of car is made up of three modules: model, engine and a special module which are nitro booster for suppercar and battery for electric car.
* Type of cars are made of reserved modules.
* When a car is made, its future owner must give it a name, and pay the payment.
* The price of each car is the total of all modules it has.
* The system can customize a car at a time and after each successful car customization the system can let customer make another car instead of terminating.