**Cinema Booking System**

The cinema booking system has many movies. A movie belongs to many categories. One category contains many movies. A movie has a many behavior those name, category, price, and restriction. A movie has many schedules. Cinema has many halls. The hall presents only one movie at any time and a hall must belong to the merely one schedule. The hall has many seats. Every hall has a different capacity of seats.

The customer has following attributes: first name, last name, date of birth, username, email, and phone. A customer can view the schedules of a movie. A customer has an account and can log in. A customer has to login to order seats by online and has to come 30 minutes before the movie begins. If a customer order seats, the system will give a secret code. The secret code must be 6 digits. The secret code will expire in the 30 minutes before beginning the movie. When a customer comes to the cinema, the customer has to say a secret code to buy tickets. Also, every customer can buy tickets in the cinema without an online order. A customer can buy many tickets these belong to seats. Customers can buy tickets with any payment methods these are a cash, a check, credit card and debit card. These payments must be shown in the report.

Service manager register movies to the system. Also, he or she manages schedules of halls. The service manager can view a report that shows how many customers are served, how much income they get and how many movies are presented for the particular time. The cinema system has many cashiers.

Cashiers can view schedules. Cashier’s main role is selling tickets. First, cashiers ask an order from the customer. If a customer has an order, cashier check a secret code. If secret code is matched then cashier get the payment of order from the customer. Then, a cashier gives the ticket to the customer and verify the order. If a customer has not any order, the customer has to choose a movie, the total number of seat and a schedule. Then, the customer pays a payment of tickets. Finally, cashier register customer’s purchase.