# OOP Project

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## 1  System definition

I've selected the project **number 7** from the projects list. I've implemented the system using the following:

1. Objects used:

   - Person
   - Client
   - Location
   - Event
   - Ticket
   - Sales
   - DataBase
   - Services

2. Methods implemented:

   - **addSale()** which adds a sale to our data base
   - **getSaleByClient()** which retrieves from our data base a sale made for a client
   - **getSaleByTicket()** which retrieves from our data base a sale by it's ticket id
   - **getSales()** which retrieves all the sales
   - **updateClient()** which updates a client in a particular sale
   - **updateTicket()** which updates the ticket in a particular sale
   - **deleteByTicket()** which eliminates from our data base the sale made with the respective ticket
   - **deleteByClient()** which eliminates from our data base the sale made for the respective client
   - **getAllSalesByEvent()** which returns all the sales made for a specific event
   - **deleteSalesByEvent()** which eliminates from our data base all the sales made for a specific event