System class

* Swing UI, Login, Customer Page, Dealer Page (??? Do customers and dealers need to login using username and password?)
* Case 2:
* the system should be able to display a page of vehicles (up to 25) and customers should be able to browse different pages of vehicles: Swing UI
* case 6:
* display incentives
* case 9:
* Persist all the Dealers, Inventory of a Dealer and Incentives of a Dealer in a persistent storage: StoreInfomation class (may use File I/O)

Customer class

* Customer could search car: Search class
* Customer could express interest to interest to a dealer on the car they are interested in through a lead form: ExpressInterest class
* Case1:
* Customers should be able to find the dealers in their proximity: findDealer class
* Customers could select the dealer they are interested in interacting with: selectDealer class. InteractWithDealer class
* Case 2:
* Customers should be able to browse (search) the Inventory on a particular dealer: BrowseInventory class
* Customers can search for cars through a specific set of vehicle filters: SearchCar class
* Customers should be able to sort the vehicle results through different attributes like by Price, by Year, by Make etc: UI, make the table of cars sortable.
* Case 3:
* view the complete details of a vehicle: ViewDetail class
* case 7:
* Provide a lead form for customers to express their interest in the car: SendExpressToDealer class

Dealer class

Dealer could manage their Inventory: ManageInventory class

Dealer could create Incentives: CreateIncentive class

* Case 4:
* An automotive dealer should be able to manage their Inventory: ManageInventory class (create/update/modify)
* Case 5:
* An automotive dealer should be able to create Incentives for different types of vehicles: CreateIncentive class
* Case 8:
* Provide a user interface for the dealer to look at all the leads sent by the customers for a particular car and dealer can respond to the customer from that user interface: an UI, a RespondLead class

Vehicle class

* Case 5:
* An automotive dealer should be able to create Incentives for different types of vehicles: ReceiveIncentive class

Incentive class