**Class Definitions**

* HomeController Class
  + **Description:** Receives event information from webpage home page
  + **Members:** None
  + **Methods**
    - Load()
      * Load the page and its contents
* HomeModel Class
  + **Description:** Displays the home page/catalog
  + **Members**
    - Year
    - Image
    - Make
    - Model
    - StartDate
    - EndDate
    - CurrentPrice
    - BuyNowPrice
  + **Methods**
    - Index
      * Query the active auctions/buy now listing
* CarListingController Class
  + **Description:** Receives event information from webpage
  + **Members:** None
  + **Methods**
    - Load()
      * Directs model to load all the cars that are actively listed.
    - Save()
      * Saves the bid amount and will display error message if an invalid amount is entered
* CarListingModel Class
  + **Description:** displays details about the car
  + **Members**
    - listingID
    - bidAmount
    - carImage
    - Make
    - Model
    - Year
    - StartingDate
    - EndingDate
    - CurrentBid
    - BuyNowPrice
    - VIN
    - Color
    - Mileage
    - RefurbType
    - ReservePirce
    - HighestBidder
  + **Methods**
    - Listing()
      * Show auction/buy details based on listing ID
      * If auction, show highest bid price
    - Bidpage()
      * Enter bid amount
      * Save bid to database
    - errorBidPage()
      * enter bid amount
      * save bid to database
      * error message(s)
* PaymentController Class
  + **Description:** Receives event information from webpage
  + **Members:** None
  + **Methods**
    - Load()
      * Directs the model to load the information about the car
      * Allows for credit card payment information to be entered
    - Save()
      * Saves credit card information
* PaymentModel Class
  + **Description:** Takes credit card information for car purchase
  + **Members**
    - AuctionID
    - Total
    - CreditCardNo
    - ExpirationDate
    - NameOnCard
    - CardSecurityCode
  + **Methods**
    - Payment()
      * Processes credit card information
    - paymentError()
      * processes credit card information
      * displays error message(s)
* RegUserController Class
  + **Description:** registers a new user for access to buy and sell cars.
  + **Members**
    - userID
    - Password
    - ConfirmPassword
    - FirstName
    - LastName
    - Address
    - City
    - State
    - ZipCode
    - Phone
    - Email
    - DateOfBirth
  + **Methods**
    - saveUser()
      * saves the user information
    - saveUserError()
      * displays error messages
      * saves the user information after error(s) are corrected
* SellerController Class
  + **Description:** Receives event information from webpage
  + **Members:** None
  + **Methods**
    - Load()
      * Directs the model to load the form to accept car information
    - Save()
      * Saves car information to database
* SellerModel Class
  + **Description:** Enter information about car to be sold or auctioned
  + **Members**
    - Make
    - Model
    - VIN
    - Year
    - Color  
      RefurbType
    - Description
    - StartingPRice
    - BuyItNowPrice
    - ReservePrice
    - Image
  + **Methods**
    - carData()
      * writes car data and photos to database
    - carDataError()
      * writes car data and photos to database
      * displays error message(s)