MotorSpecs – UML Class Diagram

Access Control

Login()
Logout()
Dashboard()
EmailAddress: String
Password: String
LoginStatus: String

VerifyLogin(): Python

General Search

InternalSearch()
CleanDatabase()
InputField: VarChar
HTMLPage()

FilterQuery(): SQL
VerifyOutput(): XML
QueryCode(): Python

Company Details

Showdetails()
ShowFooter()
AboutUs: String
StoreAddress: string
ContactNumber: string

Vehicle details presentation

CarId: int
CarMake: string
CarModel: string
CarSeries: string
CarPrice: int
CarEngine: string
CarFuel: string
CarFuelSystem: string
CarTankCapacity: string
CarPower: string
CarSeatingCapacity: string
CarStandardTransmission: string
CarBodyType: string
CarDrive:string
CarWheelbase: string

ShowDetails()
HTMLPage()
FilterQuery(): SQL

Data and Stats Presentation

Authentication()
StoreLocation()

VerifyDetails(): Python

Store Rental History

OrderID: int
OrderCreationDate: date
Status: string
CustomerID: int
CustomerName: string
PhoneNumber: string
CarID: int

ShowDetails()
HTMLPage()
Query(): SQL
VerifyDetails(): Python

Order History

CustomerID: Int
CustomerName: String
CustomerPhone: String
CustomerAddress: String
CustomerBirthday: Date
CustomerOccupation: String
CustomerGender: String

ShowHistory()
HTMLPage()
Query(): SQL
VerifyDetails(): Python