

CS 234 Project

Stage: 2

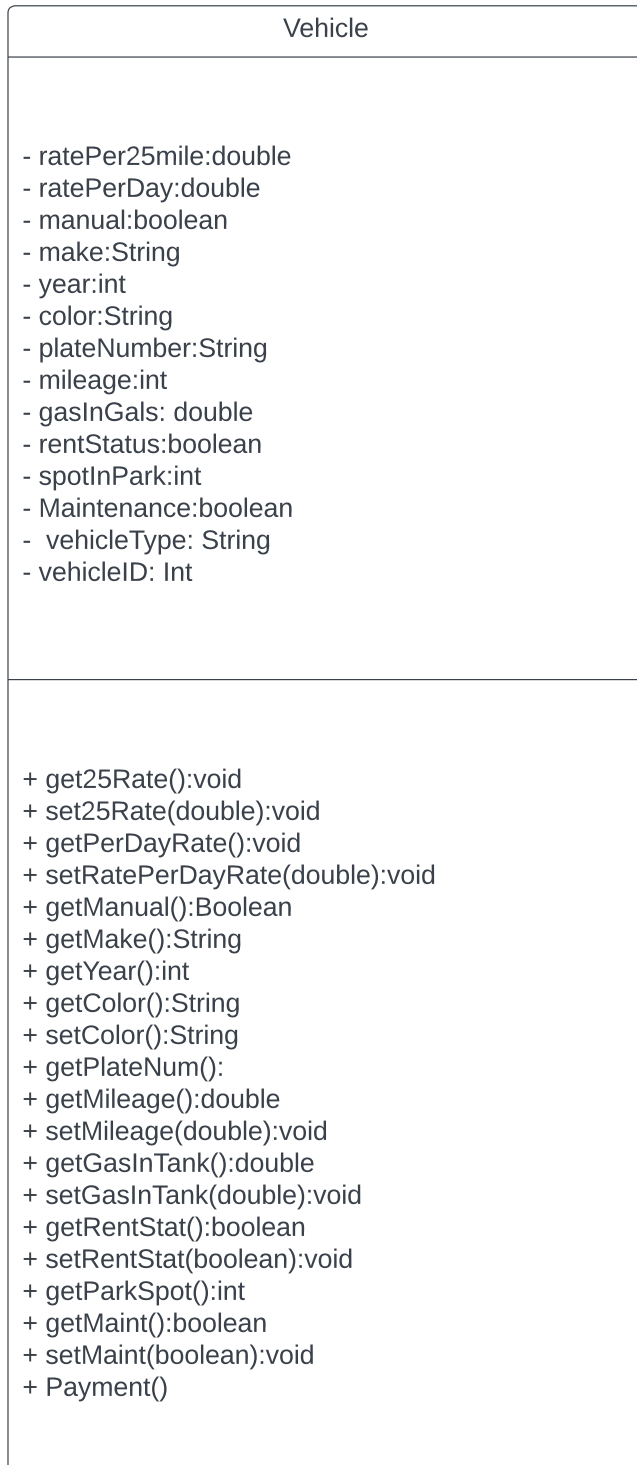
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Employee

-address:String
-ethnicity:String
-gender:String
-phoneNumber:String
-hours:double
-payRate:double
-insurance:boolean
-untaxWage:double
-taxedWage:double
-employeeID: Int

+ setAddress(String):void
+ getAddress():String
+ setEthnicity(String):void
+ getEthnicity():String
+ setGender(String):void
+ getGender():String
+ setPhoneNumber(String):void
+ getPhoneNumber():String
+ setHours(double):void
+ getHours():double
+ addHours(double):void
+ setPayrate(double):void
+ getPayrate():double
+ setInsurance(Boolean):void
+ getInsurance():Boolean
+ getUntaxedWage():double
+ getTaxedWage():double
+ getEmployeeInfo(): String
+ setEmployeeID(): void
+ getEmployeeID(): Int



```

+ Payment()

+ Miles:double =Car() mile new - old
timeInHours:int
timeInDays:int
discountPerc:double
discountApplied:boolean
wasCleanupNeeded:boolean
Total:double
setTime(String):void
    Takes in time as String and calculates hours
    and days
getTimeHr():int
getTimeDays():int
setDiscountPerc(double):void
getDiscountPerc():double
setDiscountApp(boolean):void
getDiscountApp():Boolean
setWasCleanNeed(boolean):void

```

Customer
<ul style="list-style-type: none"> - pickupTime:String __12/15/2023_3-hour - dropOffTime:String __12/15/2023_3-hour - icenseNumber:String_ may have letters - name:String - insurComp:String - cardNumber:String - numOfPrevRent:int_ Starts at zero - hasAppointment:boolean - appointPickTime:String __12/15/2023_3-hour - appointDropTime:String __12/15/2023_3-hour - carLate:boolean
<pre> setPickTime(String):void getPickTime():String setDropTime(String):void getDropTime():String setLicenseNumber(String):void getLicenseNumber():void setName(String):void </pre>

```
setName(String):void
getName():String
setIns(String):void
getIns():String
setCardNum(String):void
getCardNum():String
addToNumOfRent():void
setHasAppoint(boolean):void
getHasAppointment():boolean
setPickTime(String):void
getPickTime():String
setDropTime(String):void
getDropTime():String
setCarLate(boolean):void
getCarLate():boolean
```

Services

```
+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type
```

```
+ operation1(params):returnType
- operation2(params)
- operation3()
```

Interface

```
PrintSearch()  
ArrayList<Customer>  
ArrayList<Car>  
ArrayList<Employee>  
searchCust(Arraylist<Customer>)  
searchCar(Arraylist<Customer>)  
searchEmployee(Arraylist<Customer>)  
printEmployeeWage():void  
printCarInventory():void
```