

## Carlnventory

- allCars:List<Car>
- carInInventory:List<Car>
- carRented:List<Car>
- + CarInventory()
- + addCar(Car): void
- + rentCar(Car): Car
- + returnCar(Car): Car
- + printAllCars(): void
- + printCarsInventory(): void
- + printCarsRented(): void
- + getCarsInventory():List<Car>
- + RentCar()

- carsRented: int

- totalSales: int

+ dayChange(CarInventory): void

- records:List<RentalRecord>

+ Rent(Customer, CarInventory): void

- observable: ObservableDayChange

- + getTotalSales(): void
- + getRecords(): List<RentalRecord>
- + printRecords(): void
- + ReturnCar(Customer, CarInventory): void

RentCar

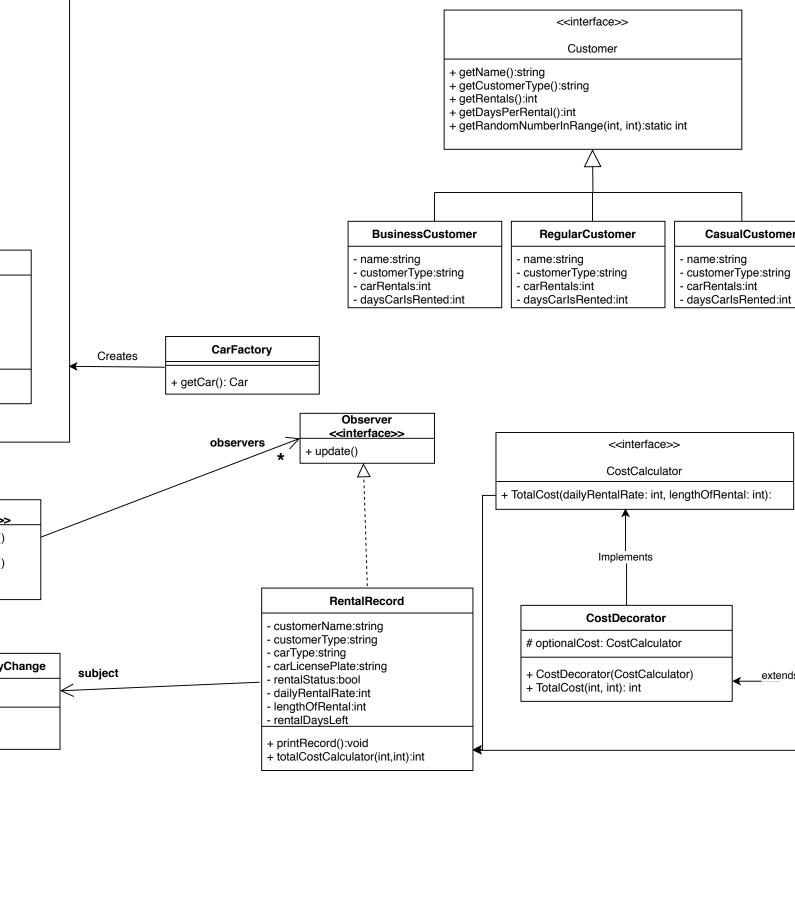
Subject <<interface: registerObserver removeObserver

notifyObserver()

ObservableDav

- day: int

+ dayChange() + getDay()



## **TCost**

- + dailyRentalRate: int + lengthOfRental: int

- + TCost(int,int) + TotalCost(int, int): int

## newTotalCost

- + newTotalCost(CostCalculator) + TotalCost(int, int): int newCosts(int): int