Car Dealership

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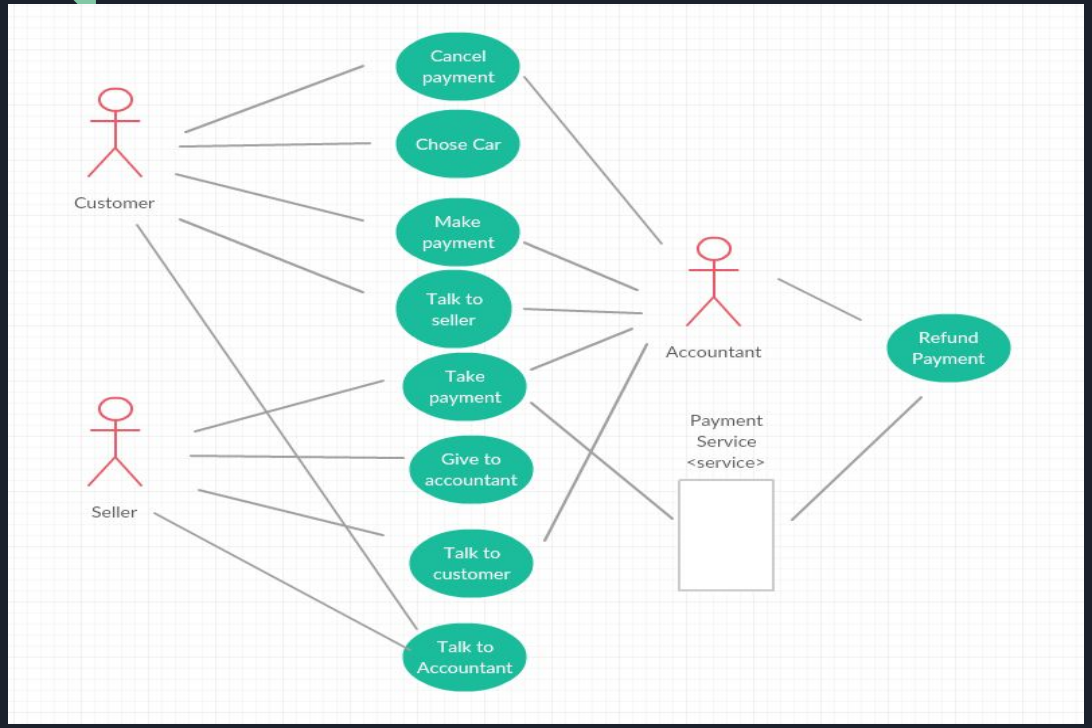
System Description

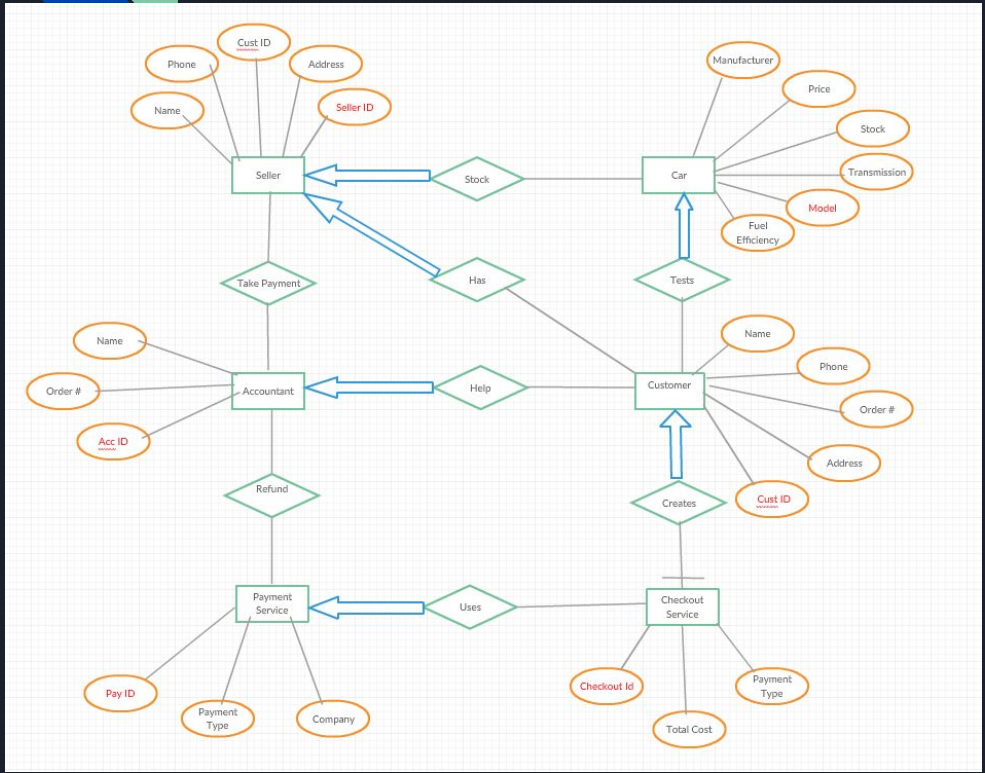
- Car Dealership
- Allows for the searching for, and purchasing of cars
- Has Customers and Employees information

UML Diagram

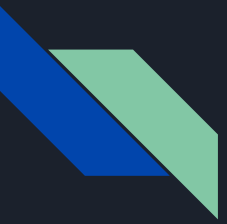


- User as a customer
- User as a management position(Accountant/ worker)
- Both parties can have access to payments

ER Diagram



- This shows the relation between all the tables and how they are connected
- Customer can add a car to the cart and when the checkout it complete, seller will have the information to process.
- Underneath we have the payment service and checkout service processing the total and the payments being made



Car	Seller	Accountant	Payment Service	Checkout Service	Customer	Refund	Take Payment
Manufacturer	Seller ID	Name	Pay ID	Checkout ID	Cust ID	Accountant (Order #)	Seller(Seller ID)
Model	Name	Order #	Payment Type	Total Cost	Name	Payment Service(Pay ID)	Customer(Cust ID)
Car ID	Phone	Acct ID	Company	Payment Type	Phone		
Stock	Address				Order #		
Transmission	Cust ID				Address		
Fuel Efficiency							
Price							

- Red is the primary

System & Implementation Details

- Program is written in Python
- Uses Sqlite3
- Interface: Terminal (alacritty)