



Kandahar University
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Online Shopping Cars

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AK-47 Group

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ONLINE CARS SHOPPING PROJECT

We work to make a database system and website for Cars markets in Afghanistan. by using this website people who wants to buy their favorites car they search for his favorites car in all shopping cars markets in whole country and buy it in online form, we serve that services for our people, our team work on that project and insha Allah in little time we present our complete project to market, the another countries attempt to make its businesses to online form and now most of countries work with online form, our goal is that to digitalize the Cars markets in Afghanistan so we trust to our team and we will do it.

Online Shopping Cars Project Requirement...

STEP 1: Requirement Collection

- 1- Car
- 2- Image
- 3- Message
- 4- User
- 5- User-type (as a customer, as a company)
- 6- CarModel
- 7- CarManufacturee

STEP 2: Requirement Analysis

1-CAR: Car is our main product in our project, we set car entity for that reason which our selling and buying doing on cars customers want to buying cars and checking their favorites cars in our website, also traders want to selling their cars on customers we make an entity for car for above reasons and we need to store cars data in our database and show the data to customers in website.

Attribute of Car: CarID, CarName ,CarColor , CarEnginType, CarNumberPallet, CarPrice,CarState, SellingState.

1. **CarID:** It use for numbering available cars in our project and identify number of cars in table of website.
2. **CarName:** Every car has name in our project cars have names which identified for customers who want to buy car.
3. **CarColor:** We use this attribute for that reason which every car has particular color it is important attribute.
4. **CarEngineType:** For specify type of car engine, we have some types of engines in same cars models.
5. **NumberPallet:** Every car has unique number pallet in country, number pallet contain numbers.
6. **CarPrice:** Use for denote value of cars and it is important attribute, cars have different values in Bazaar.
7. **CarState:** Use for specify that car is new or second hand car, after seeing that section the customer make decision.
8. **SellingState:** Use for denote that car is sold or in selling state, every car should state section.

2-IMAGE: IMAGE is an Entity in our project and explain car picture to customers, every car has some Images and customers after seeing images of car make decision for buying cars, so it is very important entity in our project, images wants to table for store images data and show data to customers.

Attribute of Image: ImageID, ImageSize.

1. **ImageID:** Use to set image in car table in our project.
2. **ImageSize:** Use to identify the size of picture added to cars tables.

3-Message : Message is a communication or statement conveyed from one person or group to other . We use this communication between users for giving more information about cars.

Attribute of Message: MessageID, Content, MessageDate.

1. **MessageID :** We may use this MessageID as foreign key.
2. **Content :** All information which conveyed among users.
3. **MessageDate :** When Message created.

4-User : A person who uses or visits this web site for buying or selling cars even if they did not buy or sell it.

Attribute of User: UserID,UserSSN,UserFirstName,UserLastName,UserPhone,UserEmail ,UserAddress.

1. **UserID:** As may use for primary key.
2. **UserSSN:** As any users have UserSSN.
3. **UserFirstName:** As any user has UserFirstName.
4. **UserLastName:** As any user has UserLastName.
5. **UserPhone:** As any user has UserPhone.
6. **UserEmail:** As any user has UserEmail.
7. **UserAddress:** We use UserAddress for location.

5-UserType: We have two type of users in this project one is a customer and other is a company owner.

Attribute of UserType: AsCustomer, AsCompany.

1. **AsCustomer:** Is a buyer.
2. **AsCompany:** Is a seller.

6-CarModel: There are many cars in different models. Each model has specific properties .

Attribute of CarModel: CarModelID,CarModelName,CarModelYear
CarModelDescription.

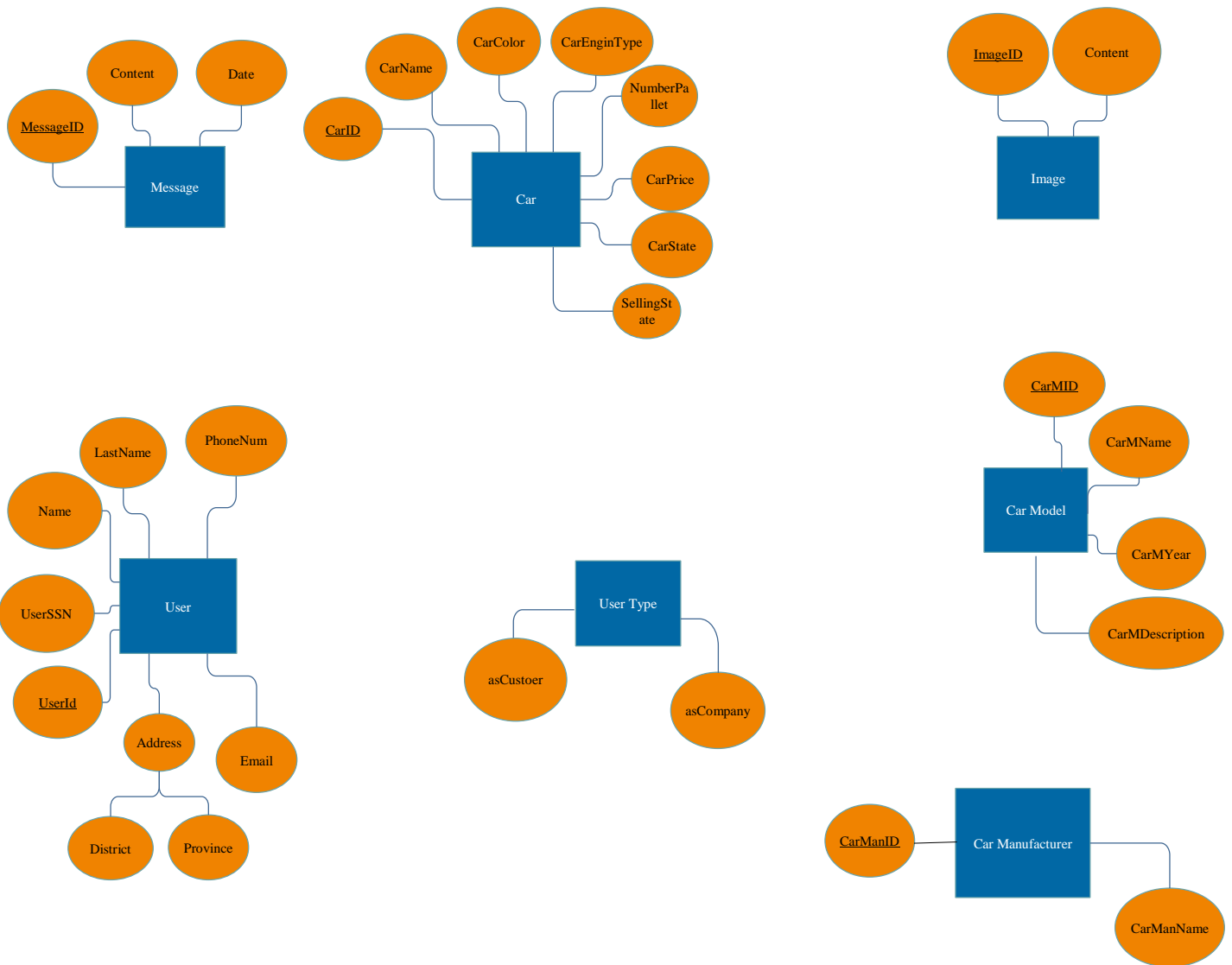
1. **CarModelID:** Unique identify number and use as primary key.
2. **CarModelName:** Name of car model .
3. **CarModelYear:** Year of manufactured .
4. **CarModelDescription:** More information about models.

7-CarManufacturer: The original company that predicted cars like TOYOTA, TASLA and so on.

Attirbute of CarManufacturer: CarManID,CarManName.

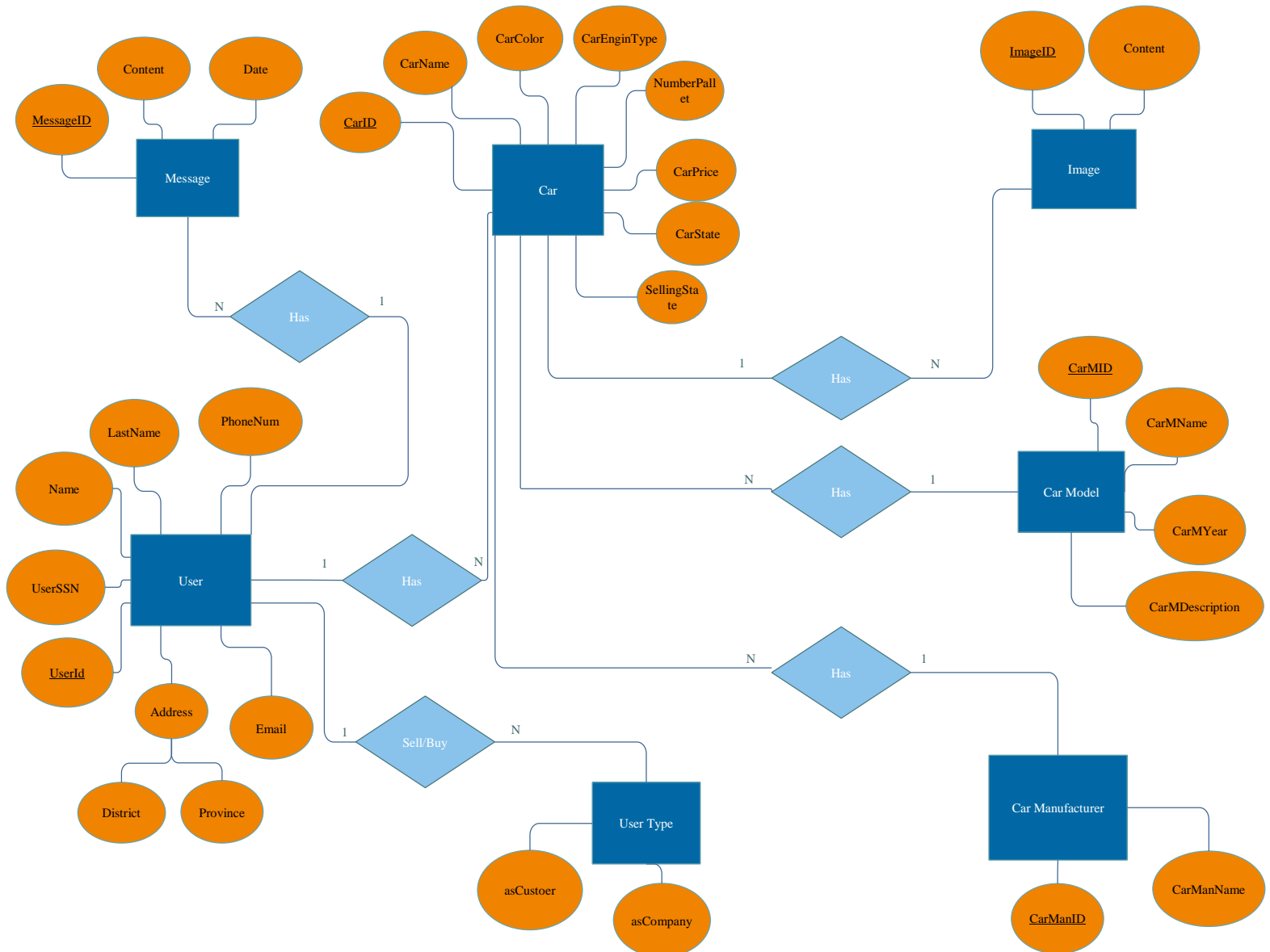
- 1. CarManID:** Unique identify number and use as primary kay.
- 2. CarManName:** Name of Company that manufactured car.

REQUIREMENT ANALYSIS OF CARS ONLINE SHOPPING

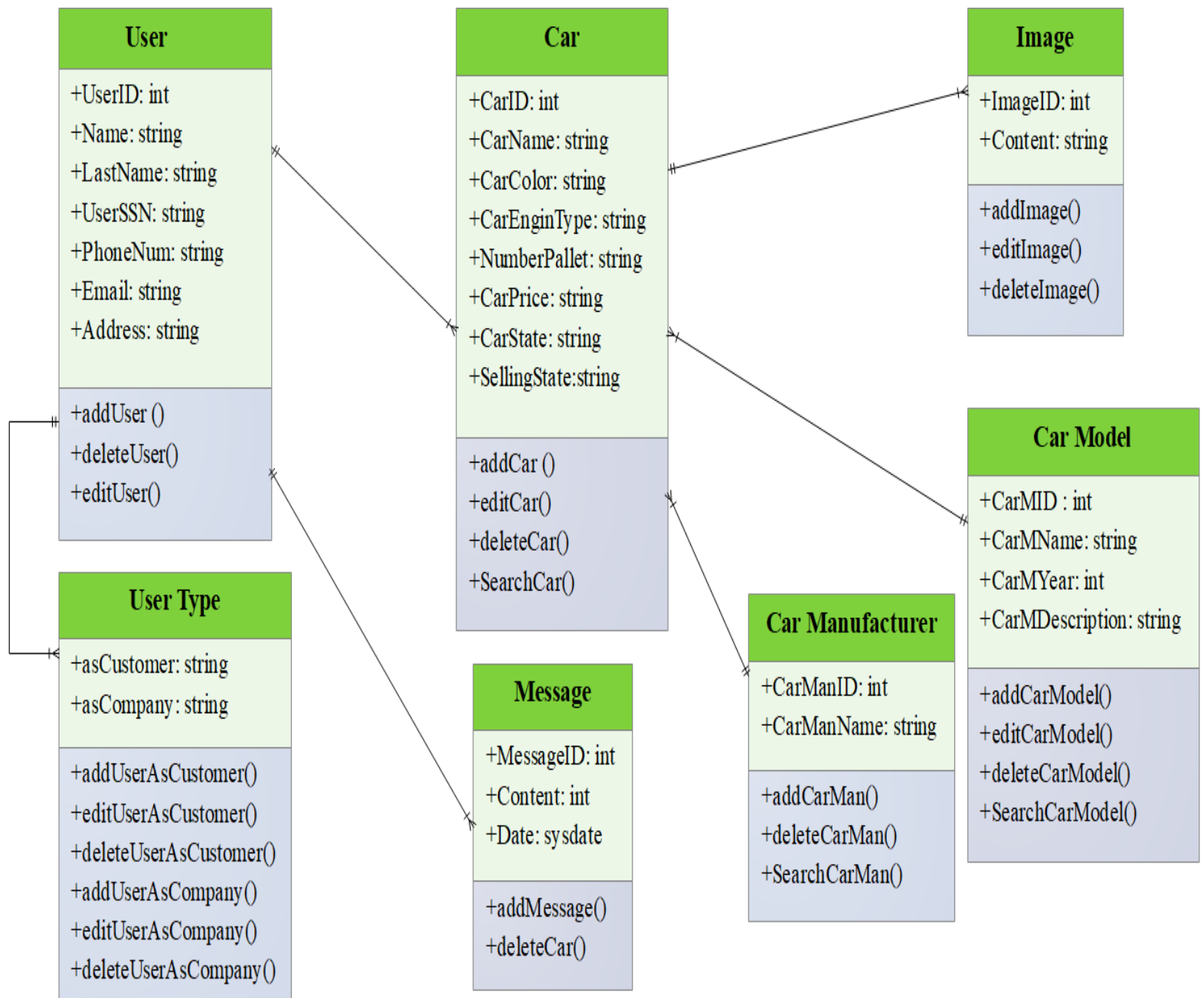


STEP 3: Entites Relationship Diagram (ERD)

ERD OF CARS ONLINE SHOPPING



CARS ONLINE SHOPPING UML



SCHEMA OF CARS ONLINE SHOPPING

Car:

<u>CarID</u>	<u>UserID</u>	<u>CarModelID</u>	<u>CarManID</u>	CarName	CarColor	CarEngingType	NumberPalit	Carprice	CarState	SillingState
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Image:

<u>ImageID</u>	<u>CarID</u>	ImageSize
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CarManufacturer:

<u>CarManID</u>	CarManName
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CarModel:

<u>CarModelID</u>	CarModelName	CarmodelYear	CarModelDescription
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Message:

<u>MessageID</u>	Content	<u>UserID</u>	MessageDate
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User:

<u>UserID</u>	UserSSN	UserName	UserLastName	UserPhon	UserEmail	UserAddress
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UserType:

AsCustomer	AsCompany	<u>UserID</u>
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