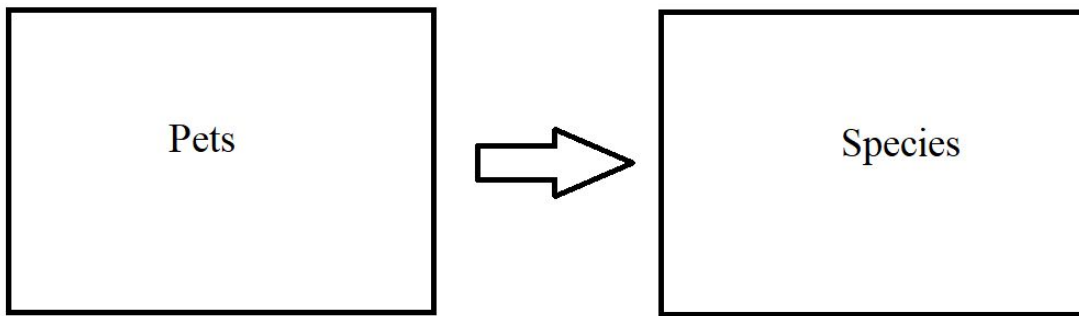
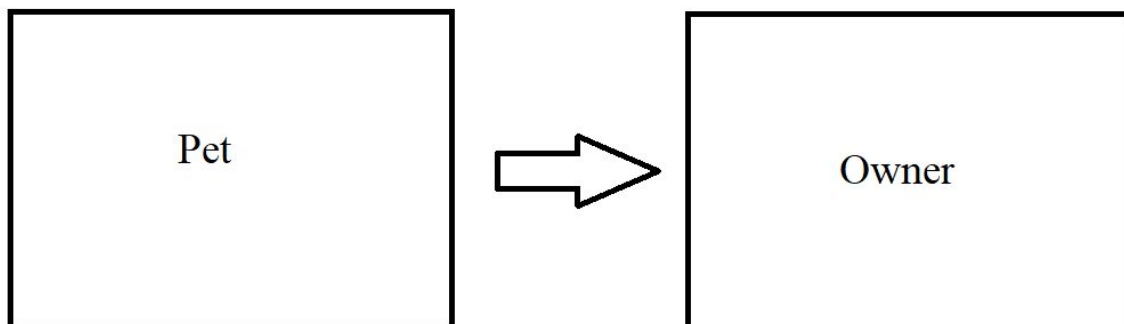


Task:1
ERD diagram:



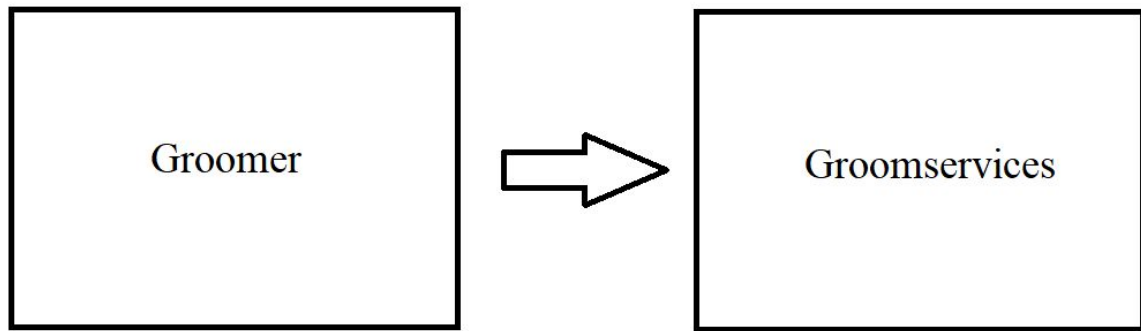
One species to many pets

It's one to many relationships because one species contains many pets, but one pet doesn't have many species.



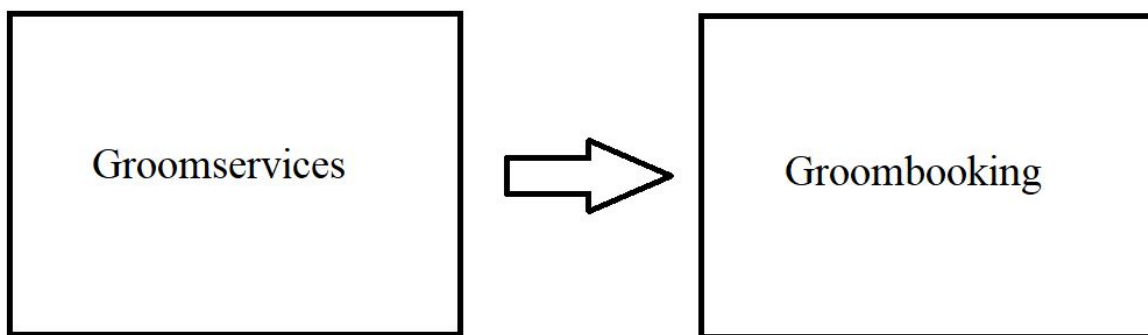
Many pets to many owners

It's many to many relationships because one owner has many pets and many owners (for example two owners have one pet) have one pet.



Many groomers to many groomer services

It's many to many relationships because one groomer can give many groomer services and one groomer services can give by one many groomer.



One groom services to one groom booking

It's one to one relationship because each service has a different booking, for example, if a pet has more than one groom services every service has a different booking with a different groomer or by chance if the groomer will same, time of that service can't be same.

Task:3

CURD

1. Read :

Read means we can access the data from the database to our web browser page and present in the readable form.

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name
1	Johny	20	brown	Bulldog
2	kitty	10	white	Jaguar

Table for Species.cs

Species id	Species name
1	Bulldog
2	Jaguar
3	Leopard

Table for Owner.cs

Owner id	Owner first name	Owner last name	Address	Work phone number	Home phone number
1	Deep	Roy	Gh. ave	444	7686
2	Biol	Ush	Ty. Cres	4647	2988

Table for Groomer.cs

Groomer id	Groomer first name	Groomer last name	Date of birth	Phone number	Hourly rate
1	Asim	Riyaz	4-10-97	8934	\$27
2	Sponge	Bob	8-9-95	7684	\$30

Table for GroomServices.cs

GroomServices id	Service name	Services cost	Services duration
1	Hair trimming	\$50	2 hours
2	Nails trimming	\$20	1 hour

Table for GroomBooking.cs

Booking id	Booking pet name	Booking owner	Booking groomer	Booking services	Booking date/time	Booking price
1	Johny	Deep Roy	Sponge Bob	Hair Trimming	2-2-2020	\$100
2	kitty	Biol Ush	Asim Riyaz	Nails Trimming	01-21-2020	\$40

2. Create:

Create means we can the data from the web browser page to our database.

Table for Pet.cs

ADD

Pet id	Pet Name	Weight	Colour	Species Name
1	Johnny	20	brown	Bulldog
2	kitty	10	white	Jaguar

To add something in pet table simply click the add button which takes us to another page like:

<p>Pet information:</p> <p>Pet name:</p> <p>Weight:</p> <p>Colour:</p> <p>Species name:</p> <p><u>Submit</u></p>

And then click the submit button takes us to the previous page where our filled information will be added.

Pet information:

Pet name: Burno

Weight:30

Colour: Black

Species name: Pugdog

Submit

Then click submit:

It will give us an error because In pet table we are referencing the species table and this species name doesn't contain in species table so for this first we have to create this species in the species table.

Table for Species.cs

ADD

Species id	Species name
1	Bulldog
2	Jaguar
3	Leopard

To add something in species table simply click the add button which takes us to another page like:

Species information:

Species name:

Submit

And then click the submit button takes us to the previous page where our filled information will be added.

Species information:

Species name: Pugdog

Submit

Then click submit:

Table for Species.cs

Species id	Species name
1	Bulldog
2	Jaguar
3	Leopard

4	Pugdog
---	--------

Now because we created the data for our desired species now we can add into pet table :

Pet information:

Pet name: Burno

Weight:30

Colour: Black

Species name: Pugdog

Submit

Then click submit:

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name
1	Johnny	20	brown	Bulldog
2	kitty	10	white	Jaguar
3	Burno	30	black	Pugdog

3. Delete:

By using the delete action we can delete any information.

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name	action
1	Johny	20	brown	Bulldog	edit/delete
2	kitty	10	white	Jaguar	edit/delete
3	Burno	30	black	Pugdog	edit/delete

Here, simply which information we don't want to use, we can delete just click on delete button and that information will also delete from our database.

Click on delete button:

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name	action
1	Johny	20	brown	Bulldog	edit/delete
2	kitty	10	white	Jaguar	edit/delete

Table for Species.cs

Species id	Species name	action
1	Bulldog	edit/delete
2	Jaguar	edit/delete
3	Leopard	edit/delete
4	Pugdog	edit/delete

Here, simply which information we don't want to use, we can delete just click on delete button and that information will also delete from our database.

Click on delete button:

Table for Species.cs

Species id	Species name	action
1	Bulldog	edit/delete
3	Leopard	edit/delete
4	Pugdog	edit/delete

4. Update:

It's using, when we want to update our information.

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name	action
1	Johny	20	brown	Bulldog	edit/delete
2	kitty	10	white	Jaguar	edit/delete
3	Burno	30	black	Pugdog	edit/delete

Here when we want to update our information, click on the edit button for which pet information we want to update, it will take us to another page where we can update the information:

Pet information:

Pet name: Burno

Weight:30

Colour: Brown

Species name: Pugdog

Update

Click on the Update button

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name	action
1	Johny	20	brown	Bulldog	edit/delete
2	kitty	10	white	Jaguar	edit/delete
3	Burno	30	Brown	Pugdog	edit/delete

Table for Species.cs

Species id	Species name	action
1	Bulldog	edit/delete
2	Jaguar	edit/delete
3	Leopard	edit/delete
4	Pugdog	edit/delete

Here when we want to update our information, click on the edit button for which species information we want to update, it will take us to another page where we can update the information:

Species information:

Species name: Pug-dog

Update

Click on the Update button:

Table for Species.cs

Species id	Species name	action
1	Bulldog	edit/delete
2	Jaguar	edit/delete
3	Leopard	edit/delete
4	Pug-dog	edit/delete

Because we are referencing this species name column in the pet table so when we update something in this column, it will automatically update in pet table.

Table for Pet.cs

Pet id	Pet Name	Weight	Colour	Species Name	action
1	Johny	20	brown	Bulldog	edit/delete
2	kitty	10	white	Jaguar	edit/delete
3	Burno	30	Brown	Pug-dog	edit/delete

