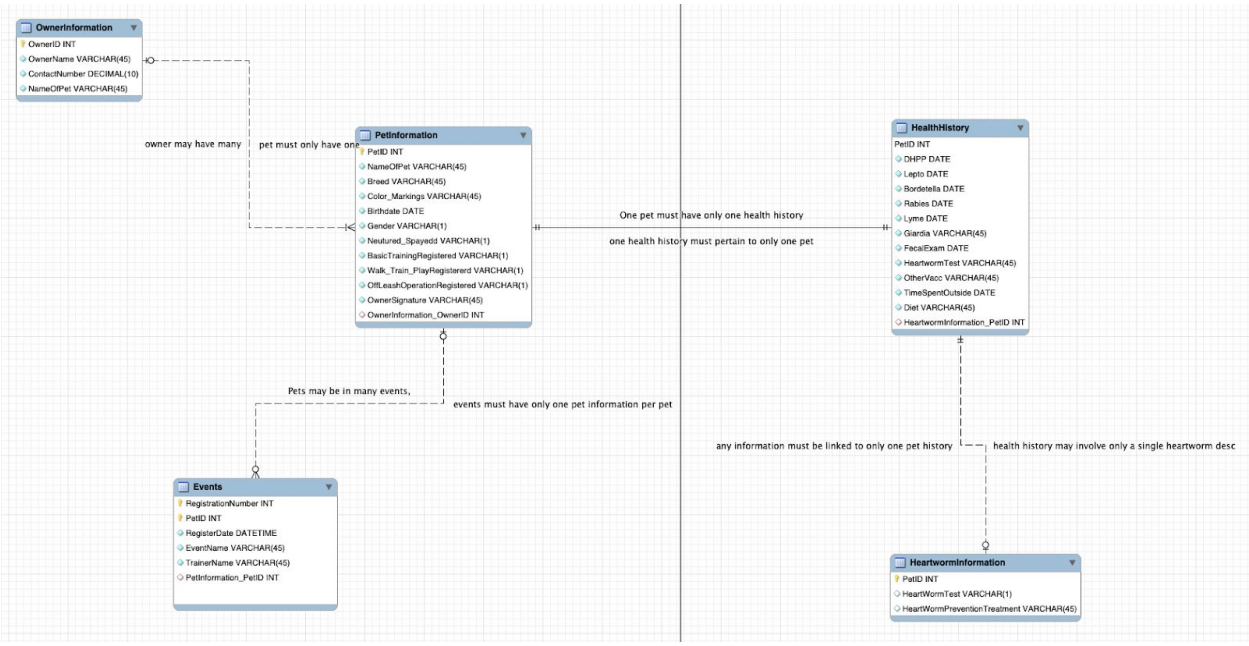
Part 1:



Part 2 :

OwnerInformation

Field	Type	Null	Key	Default	Extra
OwnerID	int	NO	PRI	NULL	auto_increment
OwnerName	varchar(45)	NO		NULL	
ContactNumber	decimal(10,0)	NO		NULL	
NameOfPet	varchar(45)	NO		NULL	

PetInformation

Field	Type	Null	Key	Default	Extra
PetID	int	NO	PRI	NULL	auto_increment
NameOfPet	varchar(45)	NO		NULL	
Breed	varchar(45)	NO		NULL	
Color_Markings	varchar(45)	NO		NULL	
Birthdate	date	NO		NULL	
Gender	varchar(1)	NO		NULL	
Neutured_Spayedd	varchar(1)	NO		NULL	
BasicTrainingRegistered	varchar(1)	NO		NULL	
Walk_Train_PlayRegistererd	varchar(1)	NO		NULL	
OffLeashOperationRegistered	varchar(1)	NO		NULL	
OwnerSignature	varchar(45)	NO		NULL	
OwnerInformation_OwnerID	int	YES	MUL	NULL	

HealthInformation

Field	Type	Null	Key	Default	Extra
PetID	int	NO	PRI	NULL	
DHPP	date	NO		NULL	
Lepto	date	NO		NULL	
Bordetella	date	NO		NULL	
Rabies	date	NO		NULL	
Lyme	date	NO		NULL	
Giardia	varchar(45)	NO		NULL	
FecalExam	date	NO		NULL	
HeartwormTest	varchar(45)	NO		NULL	
OtherVacc	varchar(45)	NO		NULL	
TimeSpentOu…	date	NO		NULL	
Diet	varchar(45)	NO		NULL	
HeartwormInf…	int	YES	MUL	NULL	

HeartwormInformation

Field	Type	Null	Key	Default	Extra
PetID	int	NO	PRI	NULL	
HeartWormTest	varchar(1)	YES		NULL	
HeartWormPreventionTreatment	varchar(45)	YES		NULL	

Events

Field	Type	Null	Key	Default	Extra
RegistrationNumber	int	NO	PRI	NULL	auto_increment
PetID	int	NO	PRI	NULL	
RegisterDate	datetime	NO		NULL	
EventName	varchar(45)	NO		NULL	
TrainerName	varchar(45)	NO		NULL	
PetInformation_PetID	int	YES	MUL	NULL	

Part 3:

Query 1:

```
-- A list of Owners and Pets showing the owner name, pet name, breed, gender, date of birth
SELECT O.OwnerName, P.PetID, P.nameofpet, P.breed, P.gender, P.birthdate
FROM ownerinformation O, petinformation P
WHERE O.nameOfpet = P.nameOfPet;
```

OwnerName	PetID	nameofpet	breed	gender	birthdate
Jonathan Phouminh	1	Shu	Shitsu	F	2015-12-17
Alex Pong	2	Nina	Poodle	M	2005-09-11
Alyssa Pong	3	Buddy	GoldenRetriever	M	2014-01-13
Zach Chom	4	Tetonka	yorkie	M	2009-11-01

Query 2:

```
-- A list of Upcoming Training Events showing the date, time, trainer, event type, owner, pet
SELECT P.nameofpet as 'Pet Name',
O.ownerName as 'OwnerName',
E.EventName AS 'UpcomingEvent',
E.RegisterDate as'DATE / TIME',
E.TrainerName as 'Trainer'
FROM events E , petinformation P, ownerinformation O
WHERE P.PetID = E.PetID AND P.nameofpet = O.nameofpet;
```

Pet Name	OwnerName	UpcomingEvent	DATE / TIME	Trainer
Shu	Jonathan Phouminh	BasicTraining	2020-03-18 19:42:30	Shea
Shu	Jonathan Phouminh	WalkTrainPlay	2020-03-18 19:42:30	Marie
Tetonka	Zach Chom	BasicTraining	2020-03-18 19:42:30	Shea
Nina	Alex Pong	OffLeashOperation	2020-03-18 19:42:30	Marie
Nina	Alex Pong	WalkTrainPlay	2020-03-20 19:42:30	Shea
Buddy	Alyssa Pong	BasicTraining	2020-03-08 00:42:30	Shea