**Business Domain:** Pet Adoptions

* **Schema name:** termproject
* **Description:** This Adoption center database system shows the components and process of pet adoption. This database system manages adopter information, pet information, adoption transactions, employee details, and different adoption center information.
* **Attributes:**
  + Table name: **Adopter (ishaan)**
    - (AdopterID int not null primary key auto\_increment)
    - (Name varchar(45) null)
    - (Address varchar(45) null)
    - (Phone Number varchar(45) null)
    - (Email varchar(45) null)
  + Table name: **Pet (logan)**
    - (PetID int not null primary key auto\_increment)
    - (Name varchar(45) null)
    - (Species varchar(45) null)
    - (Breed varchar(45) null)
    - (Age int null)
    - (AdoptionFee decimal null)
  + Table name: **Employee (celine)**
    - (EmployeeID int not null primary key auto\_increment)
    - (Name varchar(45) null)
    - (Position varchar(45) null)
    - (Phone Number varchar(45) null)
    - (Email varchar(45) null)
  + Table name: **AdoptionCenter (celine)**
    - (CenterID int not null primary key auto\_increment)
    - (Name varchar(45) null)
    - (Location varchar(45) null)
    - (ContactNumber varchar(45) null)
  + Table name: **AdoptionTransaction (jacob)**
    - (TransactionID int not null primary key auto\_increment)
    - (AdoptionDate date null)
    - (NecessitiesCost Decimal(5,2) null)
    - (Discount Decimal(5,2) null)
    - (TotalCost Decimal(5,2) null)
    - (AdopterID int)
      * (foreign key (AdopterID) references Adopter(AdopterID)
    - (PetID int)
      * (foreign key (PetID) references Pet(PetID)
    - (EmployeeID int)
      * (foreign key (EmployeeID) references Employee(EmployeeID)
    - (CenterID int)
      * foreign key (CenterID) references AdoptionCenter(CenterID)
* **Relationships:**
  + An Adopter can have multiple Transactions (One to Many)
  + A Pet can be apart of multiple Transactions (One to Many)
  + An Employee is able to file multiple Transactions (One to Many)
  + Multiple Transactions take place inside one AdoptionCenter (Many to One)
* Timeline
  + Tables and Data Insertion due November 21
  + Queries Due November 29
  + Meet on November 30 (4 o’clock)

<https://drive.google.com/drive/folders/1TVR6ZP_hKsyo8lgCKAwFiSvt7NT1R5kN?usp=drive_link>

* **Presentation format:**
  + Talk about before and after ER diagrams.
    - jacob
  + Talk about assumptions and limitations of design.
    - Logan assumptions
    - Ishaan limitations
  + Everyone presents on the tables they created. Talk about the attributes, complexity, relationships with other tables, etc.
    - Put your own table
  + Talk about the data you created.
    - Put your own data
  + Describe and show each of your 3 SQL queries.
    - Put your queries

Shared Folder link: <https://drive.google.com/drive/folders/1TVR6ZP_hKsyo8lgCKAwFiSvt7NT1R5kN?usp=drive_link>

<https://docs.google.com/presentation/d/1e4nsHGWIBqITFN77zBwlBmCpwU999KurSve8fGuKCOU/edit?usp=sharing>