

## Appendix A

Appendix A introduces an example, concerning a pet adoption shelter. It involves the following relations:

- BREED[Name, Species, Popularity]
- PET[ID, Name, Breed, Age, Sex]
  - PET.Breed references BREED.Name
- CLIENT[ID, Name, Address, Environment]
- ADOPTION[ClientID, PetID, Date, Paid]
  - ADOPTION.ClientID references CLIENT.ID
  - ADOPTION.PetID references PET.ID



The relation PET stores information on the various pets at the shelter. BREED stores information on all the pet breeds that are in the shelter. Client information is stored in the CLIENT relation, including whether their home environment is suitable for adoption. The ADOPTION relation stores information on adoptions between clients & pets, as well as the date of adoption & payment status.

### PET

<u>ID</u>	Name	Breed	Age	Sex
1	Shadow	Border Collie	2	Male
2	Bella	Labrador	1	Female
3	Percy	Lorikeet	1	Male
4	Badger	Border Collie	3	Male
5	Fawn	Siamese	1	Female
6	Cola	Border Collie	4	Male
7	Bonnie	Border Collie	2	Female
8	Crookshanks	Siamese	1	Male

### ADOPTION

<u>ClientID</u>	<u>PetID</u>	Date	Payment
3	8	2010-02-14	True
4	3	2009-10-23	True
4	5	2009-07-10	True
1	7	2015-08-19	True
1	2	2018-09-09	False

### BREED

<u>Name</u>	Species	Popularity
Labrador	Dog	10
Border Collie	Dog	8
Siamese	Cat	6
Lorikeet	Bird	4

### CLIENT

<u>ID</u>	Name	Address	Environment
1	John Smith	4 King Ln, Brisbane	Approved
2	Oscar Grouch	17 Sesame Street, ABC	Not Approved
3	Hermione Granger	4 Potter Lane, London	Approved
4	Dwight Schrute	Schrute Farms, Scranton, PA	Approved