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For the Individual/Pair project, I am choosing to model an animal shelter. The entities are animals, volunteers, walks, and playtimes. The relationship between them is that a walk (or a playtime) contains an animal and a volunteer. This embodies a many-to-many relationship between animals and walks. My animal shelter object holds both animals and volunteers.

Animal

name : string

breed : string

age : int

isTired : boolean

Volunteer

name : string

experience : int

walks : set<Walk>

Walk

volunteer : Volunteer

animal : Animal

PlayTime

volunteer : Volunteer

animal : Animal

Animal Shelter

animals : set<Animal>

volunteers : set<Volunteer>

walks : set<Walks>

playtimes : set<PlayTime>