

DB Planning:

## **Pet Adopting Agency**

- Users can sign into the app with their email and password
- Users can create/update/delete a profile
- Users can create/edit/delete pets account
- Users can search for pets
- Users can follow/add/adopt pets
- Users can join/create rescue/care groups
- Users can create posts in their accounts and in the rescue/care groups
- Users can comment on posts in their accounts as well as the posts in rescue/care groups

Table Ideas:

- User: will hold info about the user, each line/row will be an individual user.
- Auth: will hold credentials for logging-in, each line/row will be an individual credential.
- Group: will hold info about the group, each line/row will be an individual group
- Post: will hold info about posts, each line/row will be an individual post. (Would need two tables for the group posts and other posts)
- Comment: will hold info about comment, each line/row will be an individual comment. (Would need two tables for the group comments and other comments)
- Animal: will hold info about the pet, each line/row will be an individual pet.

- Animal\_species: will hold info about the species, each line/row will be an individual animal species.
- Will need additional tables to handle many-to-many relationships.

## Relationships:

### One to One:

- User to Auth

### One to Many:

- User to Post
- User to Comment
- Group to Group posts
- Group to Group comments
- Species to Animals

### Many to Many(2 One to many):

- User to Animal (requires association table)
- User to Group (requires association table)