Project Proposal:
1. Designed to help people adopt pets
2. The demographic is anyone old enough to take care of a pet
3. Data used: Petfinder API, maybe an animal facts API also
4. A. database schema would need something to show the relationship between the original pet owners or groups who are giving away an animal, the people who are adopting, the animals themselves. Possibly a "waiting period" while potential owners are being screened vs. the one person actually chosen.
B. Authentication/authorization, Rate limiting, type of data, data quality if it's not up to date, if they change anything about the API in the future, handling errors from the API like no value
C. Sensitive information: Username/password, maybe location (to find pets near them)
D. Functionality of the app would include a home page, facts about animals, and a page for adopting based on filters like location, breed, temperament, etc. It may also have an update page, to show the user where their application is in the process of being chosen.
E. User flow would look like entering the page, looking at facts/ why they should adopt, maybe links to different shelters, price ranges for adoption fees, and then applying for the animal they want.
F. Yes, things like user profiles, maybe eventually I can add a chat feature so the people adopting can chat to the people giving the animal directly through the site