### 1. pet adoption site

* **Database Schema:** Tables for [Users], [user-interest], [user-fav-pets], [user-fav-orgs]
* **API Issues:** Handle API response from Petfinder API or Google Maps API, ensuring proper error handling and managing edge cases like failed requests or missing data.
* **Sensitive Information:** Securely store user credentials. Ensure encryption and safe handling of passwords
* **Functionality:**
* Search -> Users can search for adoptable pets and the organizations that house them
  + favorites -> Users can favorite animals to easily find them later
  + adopt -> Users can reach out to an org housing an animal for adoption
* **User Flow:**
  + Sign up/Login -> New users create an account with a unique username and email. Existing users log in to home page
  + Pet Search -> guests and users can search for many types of pets available for adoption in their area
  + Pet Favorite -> Logged in users can save pets they’re most interested in adopting for easy access later
  + Org Search-> guests and users can search for local organizations to adopt, get info on an animal and or donate
  + Org Favorite-> logged in users can save orgs to a favorited list for easy access later on
* **Stretch Goals:**
  + Add filtering for animals’ users have already seen/not seen
  + Add user interests so that users can easily find a list of animals that matches their interests

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| **Instruction** | **Description** | **Menu** |
| **Stack** | Tech stack used for the project. | JavaScript-node-express-react |
| **Focus** | Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application? | Will be a full-stack application that is evenly-focused - Back-end will support data management & integration with external API’s - Front-end will be focused on creating an engaging intuitive design that will allow users to navigate effortlessly |
| **Type** | Will this be a website? A mobile app? Something else? | website |
| **Goal** | What goal will your project be designed to achieve? | To give users the ability to search for adoptable pets in their area and see the organizations around them |
| **Users** | What kind of users will visit your app? In other words, what is the demographic of your users? | Those looking to adopt a pet or find a local organization for adoption/donation |
| **Data** | What data do you plan on using? How are you planning on collecting your data? | **Data Sources:** Petfinder API and maybe Google Maps API **Data to Collect:** API requests to gather information on nearby adoptable animals as well as the organizations that house them.  **Collection Method:** API requests |