PET ADOPTION AGENCY - MOBILE APP

FEATURES

- Users are able to create an account or browse as a guest
- Rescue center is able to receive and review applications of possible adoptive parents

- Notifications
    - Users can sign up for notifications about new pets arriving at the agency
        - Users can sign up to be notified when a pet is no longer available
    - Agency is able to post photos with short summaries of new pets

- Filter / Search
    - Adoptive parents (users w. accounts) are able to search and filter on the app
        - Breeds
        - Animals
        - Age
        - Sex

- Electronic Application
    - Agencies are able to create an app and allow it to be available to users
        - Agencies are able to leave comments / schedule meetings based on application info
    - Users are able to fill out an adoption application on the app
        - Users are notified once application has been reviewed with review notes / answers

BRAINSTORMING

- Users are able to create a mini 'about me' page for the adoptive agencies to review
    - Photo

- - ○ Small personal description
    - ○ Any other animals in the home?
    - ○ Restrictions? (wheelchair, blind etc)
  - Guests are able to only view photos and small descriptions of animals
    - ○ They must create an account and complete it before applying or scheduling meetings w/ animals
  - Application
    - ○ Once completed, agency is notified and can review
    - ○ Once reviewed, sent back to applicant with results
  -

TABLES
- Animals
- Users
- Guests
- Agencies
- Notifications
- Applications

RELATIONSHIPS
- One-To-One
  - ○ Animal to agency
- One-To-Many
  - ○ Adoptive parents to animals
  - ○ Users to applications
  - ○ Agencies to applications
- Many-To-Many
  - ○ Agencies to animals
  - ○ Notifications to agencies

*SEE DIAGRAM BELOW (USED DBDESIGNER.NET)

APPLICATIONS

🔑 application_id	binary		
user_id	integer		
agency_id	integer		
animal_id	integer		

Add field

ANIMALS

🔑 animal_id	integer		
animal_species	varchar(15)		
agency_id	integer		
animal_breed	varchar(15)		
sex	varchar(7)		
age	integer		

Add field

AGENCIES

🔑 agency_id	integer		
application_id	integer		
animal_id	integer		

Add field

USERS

user_id	decimal		
first_name	varchar(25)		
last_name	varchar(25)		
personal_info	varchar(150)		
application_id	integer		
animal_id	integer		

Add field

NOTIFICATIONS

🔑 nofication_id	binary		
user_id	integer		
agency_id	integer		

Add field

GUESTS

🔑 guest_id	decimal		
agency_id	integer		

Add field