Final Project Technical Implementation Plan

Group name: Dynamic Developers

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Virtual PetPal Project:

Home Page: Search for Pets (Cats and Dogs)
Pet description Page: Each pet will have a description page listing it's Name, fav food, friendly or not (social quotient), gender, how many times you need to feed it, how many times it needs to be taken for a walk, photo gallery, testimonials from previous owners, how many times it needs to be petted (Will have add as pet option)

User Home Page:
List existing pets of user with option to delete pet
User Profile Page: Details of user (Name, email id, photo)

Existing pet page:
Displays Pet Image
with Happiness/Health level (Can be a progress bar)
Tasks to be done: (Reset every day)
Feed me (No times pending and done)
Pet me (pending and done)
Take me for a walk (pending and done)
Bathe Me

Points available for purchasing items

Options to buy pet goodies: Pet foods, Pet toys, Pet Spa Time

A gif can be used to show the dog is happy when a task is done (e.g. dog wagging his tail, cat mewing)

User will get 10 points each day if the pet happiness level is more than 50%. Using these points the user can buy pet goodies.

- **Course Technologies**
  - React for developing the web page and components
  - Redux to buy gifts or treats for their pets using points. The user can look for items to buy and add them to a shopping cart.
  - Redis for caching pet search on home page

- **Independent technologies**
  - Push notifications to alert the user the time to pet/feed
  - ImageMagick to handle the images and gifs