Project Pet
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Goal

- Goals
  To create an interconnected environment which allows a virtual pet to interact with the user and other pets.
  Creating a prototype of this idea which can be further expanded upon to allow for future iterations.
  Implementing a workout/health motivational feature, one of the many directions this application can be used for.

Motivations and Objectives

- Motivations
  - Currently, no virtual pet exists which truly integrates to a user’s/owner’s life. Existing ones only allow very basic interactions, thus losing popularity.

- Objectives
  - To utilize the smartphone’s various sensors/features to allow more active interactions with the virtual pet.
  - Integrate a stats page which not only customizes the user’s pet according to preference, but also serves as a reward system to entice the user.

Research Challenges

- Learning about how to incorporate Google’s and Android’s API.
- Designing the Pet’s stats in a way that is aesthetically pleasing to view and useful in the perspective of the user.
- Integrating the Users personality into the pet’s statistics.

Acknowledgement

We would like to thank Hana Godrich for introducing us to this idea and guiding us through the creation of this software. We’d also like to thank Dr. Tobia for his input as well.

Methodology

- Create Account
- Questionnaire Personality Page
- Creates your own personal pet
- Train with your pet
- Watch it grow (Stats)
- Connect with other pets
- Build workout/health related features

Results

Results Info
- Make all pet information set up onto the SQLite database
- Successfully set up backbone to expand upon for future iterations

Future Goals
- Discover more features to add to
  - User interactions
  - Pet to pet interaction
  - Help with health/hobby routines
- Clean up user interface

References

https://github.com/carbonroast/ProjectPet
https://github.com/PhilJay/MPAndroidChart