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Project 4 Proposal

What is the main idea of your project? What topics will you explore and what will you generate? What is your minimum viable product? What is a stretch goal?

The main idea of the project is to create an interactive "test" for users to fill out that will help them narrow down a set of choices to ultimately produce their ideal decision. More specifically, we wanted to help potential dog owners figure out the best type of dog for them. The minimum viable product is to build a software that takes a large database and generate questions that users can answer to produce a personalized result for them. The stretch goal would be to create our own dog database and a comprehensive test for users to use to find the perfect dog for them!

What are your learning goals for this project (for each member)?

1. Understand classes better and how to use them efficiently with one another in a program
2. Learn more about pygame and how to create and display visuals
3. Learn how to effectively work one another to write a program together

What libraries are you planning to use? (if you don't know enough yet, please outline how you will decide this question during the beginning phase of the project).

1. Pygame
2. A library that can easily manipulate and work with large databases

What do you plan to accomplish by the mid-project check-in? (See below for some generic goals; edit to suit your particular project)

1. Have the architecture of the program finalized
2. Start coding some of the aspects

What do you view as the biggest risks to you being successful on this project?

If we chose to go through with our stretch goal, we may have a difficult time getting comprehensive data for what we want, and may spend a lot of time cleaning or manually inputting information.