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ITWS1100 Term Project Proposal
Team 19

What is your application intended to do?

- The application is a Pet Adoption site that displays profiles of adoptable pets.
- It will allow users to browse pets by type (dog,cats,etc.), read short descriptions, and view images
- Won't be connected to a real database but will display how data can be stored in and displayed from JSON and XML files.

Who does it serve?

Its intended target are pet adoption centers, this will provide a way for them to display their animals that are available for adoption. Information for simple/commonly asked questions will all be available, and more specific questions can be asked when they choose a method to get in contact with the shelter.

How is it different from other applications?

Many professional adoption sites are large-scale and complex; this one focuses on simplicity, clarity, and accessibility.

For each animal that's available, the information such as medical history, dietary restrictions, favourite activities, etc will all be at the click of a button. Users will also be able to set an appointment to come visit their potential pet, skipping the whole calling process.

Describe the inspiration and demand for this application

The inspiration comes from real-world pet adoption platforms like Petfinder, but scaled down for simplicity.

There is constant demand for adoption websites because animal shelters need easy, cost-effective ways to show pets online.

This mock version demonstrates the core ideas of a professional site in a manageable project.

Include a reasonable IA (Information Architecture)

Homepage: Welcome page with a banner and navigation.

Adoptable Pets Page: Grid or card layout showing pet profiles (photo, name, age, type). Data loaded from JSON/XML.

About Page: Info about the shelter and the importance of adoption.

Contact Page (optional): Simple form for interested adopters (basic form validation with JavaScript).

Primary and secondary areas of focus

Primary focus: Page layout and design using HTML, CSS, and graphics (clean, inviting UI).

Secondary focus: Pulling static data (pet profiles) from JSON or XML and displaying it dynamically.

Who will be doing what

John Huang:
- Design and Layout - creating a sleek and visually appealing interface with HTML and CSS
- Data Integration - implementing method to read JSON and/or XML files to display pet information dynamically using JavaScript
- Interactivity and Functionality - implementing JavaScript for QoL features like sorting and input formatting
- Content Organization - structuring the website according to proposed IA
- Testing and Refinement - ensuring each page works smoothly, and functions consistently

Graydon Bush:
- Primary Focus: Data Formatting - structuring animal information storage and interpretation
- Secondary Focus: Assisting with HTML and CSS, interactive UI should be structured to provide for all of the needs of a real business

Jack Sampson:
- Primary Focus: Designing navigation functionality between pages and creating quality and visually appealing designs and interfaces for the pages
- Secondary Focus: Assisting in HTML and CSS for specific pages where needed to ensure flexible integration of the different elements of the site. Also assisting in acquiring example data to use for the site.