**Group Project Proposal**

**Proposed Group Members**

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**Project Summary**

**Pet Care App for Cats (CatCare)**: The app aims to assist cat owners in providing optimal care for their pets. It will offer features such as personalized care information, scheduling for feedings and vet visits, adoption services, and a profile page for each user’s pet. The app will serve as a comprehensive guide and management tool for cat owners to ensure the health and happiness of their feline companions.

**Github Repository Link**

[CatCare GitHub Repository](https://github.com/Saybuh/CatCare)

**Proposed Wireframe**

**Layouts**

1. **Homepage**:
   * Features: Search bar, buttons for "My Schedules", "Wellness Check", "My Cat Profile", and "Care". At the bottom will be an "Adopt?" button and each button will go to that specific page.
2. **My Cat Profile Page**:
   * Displays a visual summary of the user's cat information, including age, breed characteristics, personality traits, and care tips. The buttons to lead to unique pages here would be care tips, and breed characteristics/ personality traits.
3. **Adopt Page**:
   * Showcases local pets available for adoption with filters for breed, age, and location, and suggests the best fit for the user’s current lifestyle and environment. A header on the page with a clickable link to say why adopt, and search with filters that can lead you to a unique screen for results.
4. **Myth Buster Page**:
   * Provides information debunking common myths about cats and their care. One unique screen. Maybe link to proof of being a myth if needed would be a unique page.

In total, an estimated 11-12 unique screens will be in the page.

**Functionality**

* **Homepage**: Users can navigate to different sections of the app that might be popular or useful for a quick look from here. The search feature allows users to quickly find specific information that isn’t directly linked.
* **My Cat Profile Page**: Displays detailed, breed-specific information about the user's cat, including health tips, feeding schedules, personality traits, and other relevant information.
* **Adopt Page**: Users can browse and filter local cats available for adoption, view detailed profiles, and get information on initiating the adoption process.
* **Myth Buster Page**: Educates users on common misconceptions about cat care, providing scientifically backed information and advice if available.

**User Experience**

* **Homepage**: Easy navigation with clear, prominent buttons for essential functions. Quick access to search functionality. Maybe an icon at the top right for your cat page if created with a icon of said cat, and an unknown cat shadow image if no cat profile has been created yet.
* **My Cat Profile Page**: Visually appealing layout with essential information prominently displayed. Interactive elements to keep users engaged.
* **Adopt Page**: User-friendly interface for browsing pets. Detailed filters to help users find the perfect cat to adopt.
* **Myth Buster Page**: Engaging content with visuals and easy-to-read text to keep users informed and educated.

**Iterative Design**

* **Test Cases**:
  + Usability testing with potential users to identify pain points in navigation and functionality and see what’s useful to users and what’s not.
  + Testing different layouts and design elements to determine the most user-friendly interface.
  + Functional testing to ensure all features work as intended across various devices and screen sizes with minimal errors and bugs.
* **Approach to Refinement**:
  + Regular feedback collection from users like rating the app and services provided.
  + Implementing a continuous improvement process based on user feedback and test results.
  + Conducting periodic reviews and updates to keep the app current with new information and technologies.
  + If a bug or error occurs, ask permission to send the data or what could’ve gone wrong. Like a splat report.

**Statement of Understanding**

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