Paws in Motion

At Paws in Motion Dog Walking, we understand that your pets are cherished members of your family, and their well-being is of utmost importance. Our company is committed to providing a premium dog walking experience that goes beyond a simple stroll – we strive to enhance the overall happiness and health of your furry companions.

Paws in Motion Dog Walking is a dedicated service that offers professional and reliable dog walking solutions tailored to meet the unique needs of both pets and their owners. We aim to create a community where pets thrive, and owners enjoy peace of mind knowing their beloved companions are in capable hands.

Objectives

* Easily schedule and manage dog walks through our user-friendly app, offering flexibility and convenience.
* Choose from a range of services, including one-time walks, recurring schedules, and personalized options.
* Stay connected with your pet's adventures through our real-time GPS tracking feature.
* Receive instant notifications when the walk begins, ends, and any noteworthy updates from our professional dog walkers.
* Increase customer retention by 20% within the first year.
* Gather valuable customer data for personalized marketing strategies.

## Requirements

* Set up a robust database system to store user profiles, booking details, and other relevant information.
* Design the app architecture for scalability to handle a growing user base.
* Integrate GPS functionality to track the location of both users and dog walkers.

## User Interface

* The system should have an intuitive user interface for both owners and walkers of the pet.
* The interface should be user-friendly and responsive to different devices. They may want to see where their dog is at from their mobile device or from their desktop.
* The system needs to be accountable for each transaction so the UI should be able to pull up the transaction history for all walks purchased.

## System Monitoring and Observability

* Generate regular reports for management to evaluate the success of the program and identify areas for improvement.
* Implement analytics tools to track the effectiveness of the program, customer engagement, and overall program performance.

## Some Questions to get you thinking

* What is the minimum viable product that you can deliver to begin to show the functionality?
* What type of database tables and relationships can you discover in this system?
* Are there requirements that you can satisfy now to minimize the risk of the system?
* What questions do you have about the current requirements that you need to go back to the Product Owner to get clarification?
* Are there requirements that you can do now and ones that would be nice to have for the future?
* What growth can you plan for the system so that it may scale?
* What type of users do you have for your system? How does this affect table relationships?
* What functionality do you think would be good for the system that maybe the product owner or client hasn’t considered?