Functional Specification:

Project Plan

Missupaws

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Document Version History

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| --- | --- | --- | --- |
| Revision | Date | Author(s) | Summary |
| 1.0 | 9/12/2020 | Ketan Tiwari | Initial Version |

Attachments

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| Attachments | | |
| Document Name | **Version** | **Brief Description** |
| N/A |  |  |

Overview

# Abstract

Missupaws is a place where dog parents can receive best curated healthcare information for their pets, engage with other trusted dog parents and ensure a hassle free breeding process.

We use Artificial intelligence to identify the main causes of death and patterns associated with it.

Business Justification

Following steps are important to track the organizational process:

1. Create a Dog Memorial website to get a dataset consisting:-

* Dog Photograph
* Dog Breed
* Dog Name
* Death Cause
* DOB/DOD
* Testimonial (Words)

1. To ensure a high accuracy, we need a huge live dataset (D>10,000), which will be passed through **classification** method. (Supervised)

This method will serve as a pipeline for below use cases:-

* User wants his pet specific information regarding appropriate living conditions, food habits and other important factors to enhance his pet’s lifestyle and longevity. He enters the Dog’s breed and is able to get the required information. In case, User is unaware of dog’s breed. User uploads a photograph on the website. An algorithm runs which identifies the breed of the pet based on the classification process mentioned in step 2 and provide the required information.
* Dog breeding is a hectic process. In traditional ways, First User spends time in finding an appropriate breed and then there is a fixed window of heating process. With Missupaws, We try to make this breeding process as easy as it can be. Enter your dog’s breed, Get all similar breed dogs in your locality, Schedule a time and you’re done.
* Missupaws provide a community of dog lovers who can take a good care of your pets when you have to go somewhere for long time. Say Yes to those long weekend vacations! Your dog will be in a good hands. Worried about your dog’s irrational behavior? Feel free to ask this network of expert parents.
* Once we get enough data, User can be able to find best name for their pets by simply uploading their pets photograph and our engine will provide them recommendations based on their personality type. (This is more for our use, so that we don’t have to clean data in long run)
* Provide insurance to the most immune breeds at low cost and low immune dog breeds at high premium.

# OKR (Objectives and Key-Results)

## Create a Dog Memorial Website

* Go live first Version by 8 October,2020
* Get 100 genuine user accounts and posts by 11 November, 2020