MANAGE MY DOG

Project Planning Document

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Project Name: Manage My Dog

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1   INTRODUCTION

1.1   STATEMENT OF PROBLEM OR NEED

The Working Dog training centre (DTC) breeds German Shepard's to become working dogs. Foster families look after these dogs during certain stages of their development.

There is currently no system in place where the Working Dog training centre can view all their dogs general and medical information on the go.

The current way of viewing this information is to log into a system on site and scroll through the excel spreadsheet to find the latest update on pet's weight or when the next vaccination is due.

This current solution also relies on the foster family to remember to give the dogs flea and worm treatment during the prescribed intervals.

The solution will be to incorporate all this information into a Web App that will be accessible through multiple types of devises.

A future Addition to this solution would be to enable all foster families to have access to this app with the ability to make updates to certain pages that will reflect on dog's health and wellbeing.

1.2   DESCRIPTION OF CURRENT SITUATION

1.2.1   Business/system context diagram

The Key Stake Holders are:

- NZ Government Institutions is the client.
- The Business Trust funds the operation
- The Breeding Trust decides on breeding program
- The site management makes all decisions for onsite operations.

1.2.2   Current business processes

The Current Process regarding Dog's health and wellbeing

- Create new entry in spreadsheet with required details including current medical condition.
- Follow guidelines to assess if puppy will be suitable for training.
- Register with veterinarian and share all available health data from sheet.
- Perform hatchecks and tests as per guidelines. Enter all finding into sheet.
- Breeding trust and site management to be involved in decision making regarding breeding or working dog future. Outcome to be entered into sheet.
- Find Appropriate foster family. Update Sheet.
- Inform foster of vaccination, deflea and deworming requirements. update sheet with owner details.
- Veterinarian to send report after every visit, update sheet.
- Foster Families to report any changes in health and any concerns. Update sheet.

1.3   PROJECT SCOPE

First Iteration plans include:

- Design a Web App with the focus of DTC having a view of all dogs.
    - Create profile for a dog.
    - Document dog's breeding history with any family history.
    - Document all health and wellbeing history.
    - Document dog's upcoming vaccinations and history.
    - Document foster families.

Future Iterations will include:

- Ability for the Veterinarian to update directly into the database.
- Dog trainers to be able to leave instructions for foster families.
- Fosters to be able to leave updates on health and wellbeing of dogs.
- Foster to book vaccinations from App

2   PROJECT COST

Task	Hours	Cost
Business Requirements		
Gather information on current processes used. 1 site visit included	10	280
Identify Business Requirements	8	224
Gather Information to Identify Future state from stake holders	4	112

Research suitable technology solutions	8	224
Business requirements Documentation	4	112
Travel Expense for 1 site visit		100
Solution Requirements		
Gather information for user stories. 1 site visits include to interview a DTC worker and a foster family member.	10	280
Research existing Sites with similar problem	4	112
Define functional and non-functional Requirement's	4	112
Solution requirement Documentation	4	112
Travel Expense for 1 site visits		100
Document review and sign off required at this point.	4	112
System Design		
Consolidate information and Create Data Model	8	224
Create Wire Frames for required devices	10	280
Create Mock-ups for all required devices	10	280
System Design Documentation	4	112
Document review and sign off required at this point.	4	112
Website Build		
Build website to requirements	280	7840
Client review during Build	8	224
Website Testing		
User Acceptance testing	10	280
Usability testing: This includes a client representative to test features	10	280
Fix issues and regression test.	10	280
Estimate Breakdown		
Total Hours @ $28 per hour, 10 hour working day	414 Hours	
Total Travel Expenses		$200
Total Cost for Project Excluding Hosting and Maintenance		$11792