MANAGE MY DOG

Solution Requirements Document

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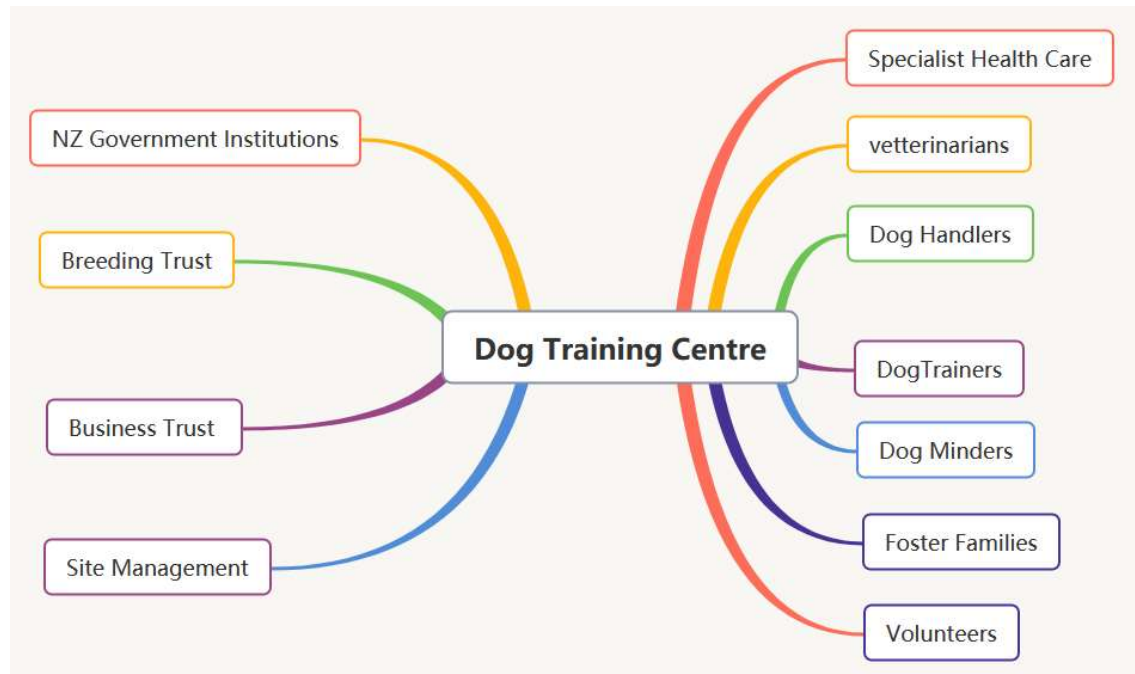
Solution Requirements Document

Project Name: Manage My Dog

By: Michael Labuschagne 20210235

1 SCOPE

1.1 CONTEXT DIAGRAM

1.2 STAKEHOLDER LIST OR MAP

- **NZ Government Institutions** requires working dogs to project public and borders.
- **Business Trust** funds this operation.
- **Breeding Trust** decides on breeding program.
- **Site Management** makes all decisions for onsite operations.
- **Specialist Health Care** from Massey University.
- **Veterinarians** provide local care and advice on day-to-day basis, required to update medical information.
- **Dog Handlers** will be required to update dog health and behavioural records.
- **Dog Trainers** will update records with progress and give instructions to fosters.
- **Dog Minders** will be able to view special instructions and update general health of dog.
- **Foster Families** will be required to update general health and read instructions from trainers.
- **Volunteers** will have limited visibility of special requirements only

1.3   USER ROLES
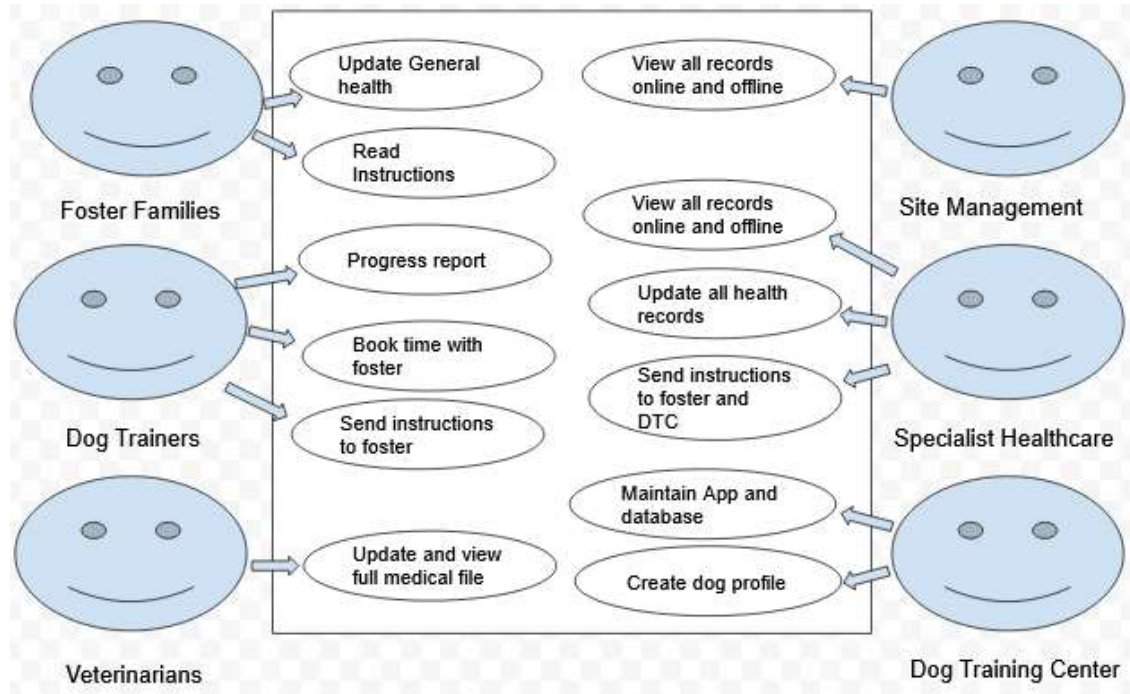
1.4   RELEASE SCOPE

1.4.1   Business Process in Scope

- **Accessibility of information related to each dog**

1.4.2   User Stories in Scope

The core story is:

US1: "As a Dog Training centre worker I require Visibility of all dog records when I'm out of the office"

Supporting User Stories:

US2: "As a Foster family for working dog we often forget to administer the deflea and deworming treatments.

US3: "As a dog trainer we need to get regular updates from fosters regarding behavioural changes and general health issues from the foster family.

1.5   PRODUCT BACKLOG

US4: "As a Centre worker when I setup a new puppy I have to call the vet to make arrangements for medical check-up and vaccination schedules.

US5: "As a foster I would like to have the ability to send messages to the DTC regarding non urgent topics related to health."

2   REQUIREMENTS ELICITATION

2.1   ELICITATION TECHNIQUE 1: STAKEHOLDER INTERVIEW

2.1.1   Interview Preparation

- Dog Training Centre worker

Interviewing: Dog Training Centre:

1. **In your day-to-day work and tasks, what are some of the tasks you feel could be improved or simplified by having the right program or technology?**

   Not having physical paperwork that can be lost.

2. **What common issues have you observed with pet owners and tracking the health of their pet?**

   Generally, the things that people always miss are vaccination dates, when flea treatment is due, when worm treatments are due and the weight of the dog.

   a. **What are some of the recommendations you give to pet owners to help them keep track of their pet's health or records?**

      We send a printed schedule with dates to remind owners when to give worming tabs and when to de flea dogs.

3. **How do you document pet health records?**

I get in touch with the Vet clinic to get medical information, other details in excel spreadsheet

   a. **How do you change or update pet information?** Manually update our system.

4. **How do you share pet information with other parties e.g.: Vet, trainers etc.**

   Vet sends us latest info after each visit, or I need to request via email for any other info.

   a. **What is the transference of records process like?** Email.
   b. **How easy or difficult do you find sharing or transferring this information?**

      Takes time away from important duties as we are busy.

5. **Where do you keep pet information and other related information?**

    Office computer, not sure if it is linked to a database or not.

6. **What pet information do you need access to?** All information.
   a. **Why would you need access to this information?**

Need to know if the dog is UpToDate with vaccines and general health status.

    b.   **When would you typically need access to this information?**

This could be daily or once a week depending on the health of the dog.

    c.   **What would your preference be on how you access this information?**

Want to have visibility from anywhere and from any device.

2.2   ELICITATION TECHNIQUE 2: ANALYSIS OF EXISTING SYSTEMS/APPS

2.2.1   Preparation Notes

Website information for similar apps:

- https://vitusvet.com/pet-owners/
- https://apps.apple.com/us/app/pawprint-pet-electronic-health/id934948619?ls=1
- https://mypet.com.gr/

2.2.2   Elicitation results

App Name	Features to Consider	Features NOT to consider
VitusVet Pet Medical Records	- Monitor your pet's health - Manage your pet's weight - keep track of their medications - log microchip and pet insurance details - note any allergies or medical alerts for quick reference.	N/A
Pawprint - Pet Health Tracker	- Official medical Records - Reminders for medication and walks - Add friends to profile for in case of emergency - Keep track of medical events	- This app wont work for multiple dogs. - Only available as phone or tablet app
My Pet - The Pet Record Maker	- Record useful information about your pets (multiple pets support) - Create documents library for your pets - Import documents in pet's document library - Create pet's medical record (vaccinations, deworming, treatments, clinic visits, diagnostic exams, etc.) - Record important medical incidents and assign medical records - Record your pet's medications/treatments - Create notifications and reminders about your pets - Keep useful notes for your pets	N/A

2.3   SUMMARY OF ELICITATION RESULTS

2.3.1   Summary of Findings to Present to the Stakeholders

Consolidate all findings here and summarise them in any format you choose.

1. In your day-to-day work and tasks, what are some of the tasks you feel could be improved or simplified by having the right program or technology?
   a. **Summary of all parties:** The manual paperwork needs to be moved to a digital platform that is easily accessible.
2. What common issues have you observed with pet owners and tracking the health of their pet?
   a. **Summary of all parties:** Fosters tend to lose their pet passport and forget to deworm, de-flea and to turn up for vaccinations.
3. How do you document pet health records?
   a. **Summary of all parties:** Pet details are entered manually into a local database or spreadsheet. This is only visible locally.
4. How do you share pet information with other parties e.g.: Vet, trainers etc.
   a. **Summary of all parties:** Sharing pet information requires staff to manually select information then email this to requested parties.
5. Where do you keep pet information and other related information?
   a. **Summary of all parties:** All information kept in spreadsheets on a local machine.
6. What pet information do you need access to?
   a. **Summary of all parties:** Accessibility and overall view of Pet medical history will be required by all parties as this will influence how they will interact with the pet on the day.

2.3.2   Description of Changes and Stakeholder Sign Off

Get the stakeholders to read these, make changes and then sign these off before proceeding to the next task.

3   REQUIREMENTS SPECIFICATION

3.1   BUSINESS DOMAIN MODEL

N/A

3.2   USER STORIES

The core story is:

US1: "As a Dog Training centre worker I require Visibility of all dog records when I'm out of the office"

Out of scope Supporting User Stories:

US2: "As a Foster family for working dog we often forget to administer the deflea and deworming treatments.

US3: As a dog trainer we need to get regular updates from fosters regarding behavioural changes and general health issues from the foster family.

US4: "As a Centre worker when I setup a new puppy I have to call the vet to make arrangements for medical check-up and vaccination schedules.

US5: "As a foster I would like to have the ability to send messages to the DTC regarding non urgent topics related to health."

3.3   NON-FUNCTIONAL REQUIREMENTS

3.3.1   Security Requirements
The solution needs to:

- Authenticate all staff users
- Protect customer (pet owner and pet) information
- Prevent the system from most common security threats and attacks

3.3.2   Usability Requirements
- application must use intuitive design, with easy navigation to core function (Working Dog Training Centre Staff).

3.3.3   Portability Requirements
The *Manage My Dog App* must be able to run on browsers on a variety of devices, including desktop, tablets and mobile phones used by DTC Staff.

- For DTC Staff, the priority is the mobile phone interface.

3.3.4   Availability Requirements
- Availability: must be available 80% of the time, between 8am and 9pm every day, and preferably 24/7.

3.4   STAKEHOLDER SIGN-OFF
Present the requirements specification to the stakeholders and ask them to read it, review the release/iteration scope and note any change they require and then sign off the requirements.

3.4.1   Description of Changes and Stakeholder Sign Off

Signed: .... Date: ....

Stakeholder

Signed: .... Date: ....
Business Analyst