MANAGE MY DOG

Test Plan Document

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Test Plan Document

Project Name: Manage My Dog

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1   HIGH LEVEL TEST PLAN

1.1   INTRODUCTION

Manage My Dog Application will enable all approved parties access to the database to either view all data regarding dog's profile. This profile will be made up from all data collected from birth to retirement.
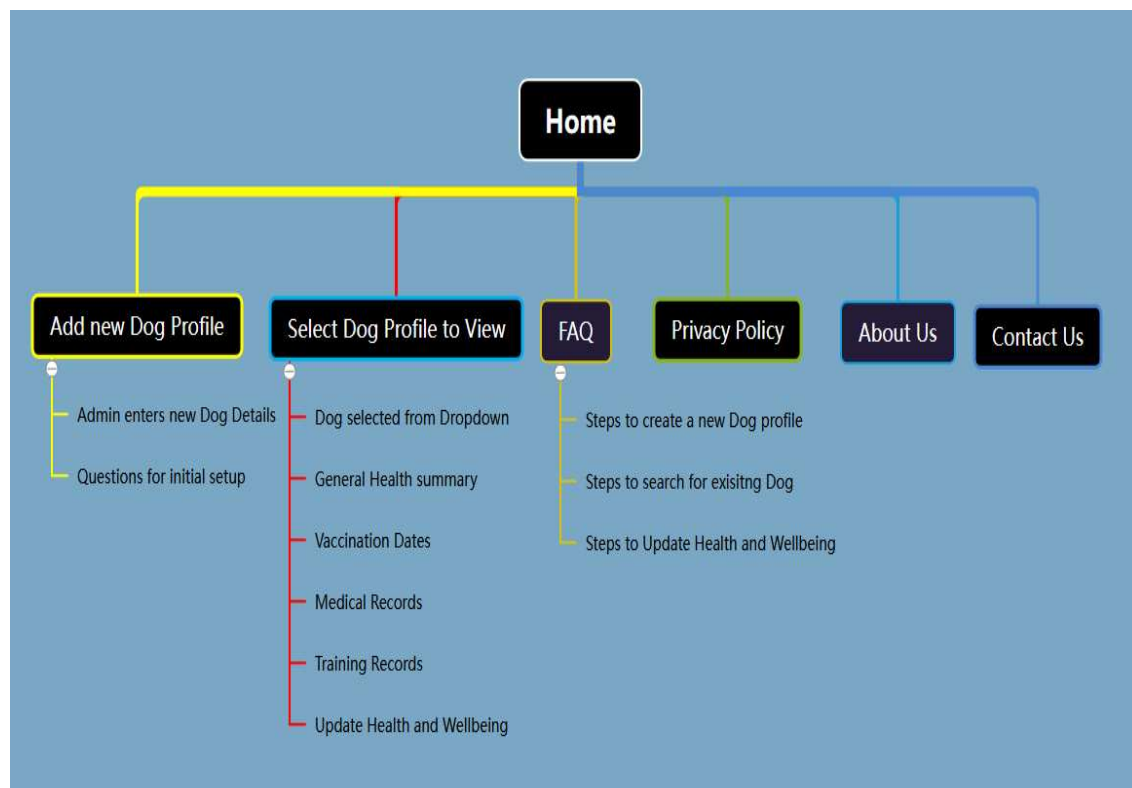
1.2   FEATURES TO BE TESTED

User story

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

- Application must use intuitive design, with easy navigation to core function
- 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.

Overall site map:

1.3 FEATURES NOT TO BE TESTED

Setting up a new Dog profile and Updating records won't be tested as the initial scope does not cover any backend databases.

1.4 TEST APPROACH

All data will be hard coded to enable testing without backend.

1.4.1 Test types

Test level/type	Description of the types of tests	Approach used / Tools	Timing
Unit	Automated Unit tests will be included in the code	Jest Testing Framework	Integrated with Build
Functional	Test all aspects of Application	Test Case and Test Script	On Completion of Build
User Acceptance	User story to be used	Acceptance Test Driven Development (ATDD)	On Completion of Build
Cross-browser	Test all aspects of Application over	Test Multiple browsers with Selenium	On Completion of Build
Usability	Run through application and compare to requirements	Client or 3rd party	On Completion of Build

1.5 TEST ENTRY CRITERIA

- The test environment is ready.
- The test tools are ready for use in the test environment.
- Test objects are installed in the test environment.
- The necessary test data is available.

1.6 TEST EXIT CRITERIA

List the criteria the testers will use to know when to stop testing. "Exit criteria […] prevent tests from ending too early, for example, because of time pressure or because of resource shortages. But they also prevent testing from being too extensive." (Spillner et al., 2014)

Attribute	Description	Measure and Target	Priority
Correctness	Features and functions work as intended	90% completion of agreed features Severity 1 defects = 0 Severity 2 defects = 0 Severity 3 defects < 5	Must Have

Attribute	Description	Measure and Target	Priority
Interoperability	Ease with which the system can exchange information with other systems.	User interface renders and functions properly on the following (and later) browsers versions: IE version = 8.0 Firefox version = 3.5 Safari version = 5.0 Chrome version 11.0	Must Have
Responsive	Responsive on multiple devices	User interface renders and functions properly on the following Devices: Desktop Tablet Mobile Device	Must Have

1.7 TEST DELIVERABLES

Test cases/scripts can be found under the UI Test Plan document.

Test Reports and Incident reports will be listed in Test Report Document

1.8 TESTING TASKS

- Build the system
- Execute automated tests
- Populate environment with reference data
- Generate test report

1.9 ENVIRONMENTS

Development environment and a staging/test environment.

1.10 TEST DATA MANAGEMENT

Contact us page will require input form tester that can be found in the relevant teat case and script. All other data will be hard coded as back end falls outside of scope.

1.11 SCHEDULE

Key dates and milestones. May be embedded in project plan/schedule.

2 USER ACCEPTANCE TEST PLAN

Refer To UI Test Plan Document

3 USABILITY TEST PLAN

Selenium IDE will be used to test and record full user experience bases on core user story.

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

4   CROSS-BROWSER TEST PLAN

Selenium will be used for cross-browser testing

ManageMyDog Selenium test folders will be added to the folder.

Follow these steps to run test files:

Download Selenium IDE for your browser.

Start Selenium and select the option to use existing project

Select one of my test files and run.

> You will have to have your mouse curser sitting on "select Dog Profile " as selenium struggles with testing the hover dropdown menu.