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Table of Contents

[Introduction 2](#_Toc102070517)

[Design Overview 3](#_Toc102070518)

[Personas 3](#_Toc102070519)

[Scenarios 4](#_Toc102070520)

[User Stories 4](#_Toc102070521)

[Wireframe 5](#_Toc102070522)

[Story Boards 9](#_Toc102070523)

[System Architecture 14](#_Toc102070524)

[Data Design 15](#_Toc102070525)

[Security Management 16](#_Toc102070526)

[Testing 17](#_Toc102070527)

[Conclusion 18](#_Toc102070528)

# Introduction

# Design Overview

## Personas

**James:**

**About me**: 36 father of three with 2 Golden Retrievers and a Doberman/German Shepard mix. Golden Retrievers named Helix 5 and Dorothy 7. The mix is named Gus and is 10.

**Issues**: James lives out in the countryside near a village with no pet shop. I work until 6 every week day but the nearest pet shop closes at 5 and during the weekend I don’t want to travel into town specifically for dog food.

**What I’m looking for**: James need away that food can be ordered and sent to the house. Needs a wider variety of food as Gus (the older dog) has specific dietary requirements.

**Jessica:**

**About me**: Jessica has 2 cats she is a mature student working part time in a bar. 2 cats are named Jay and Bob. Bob is a 7+ years old Jay is 4years old. The to cats are quite docile and don’t get a lot of exercise. They also a have specific flavours of food that the enjoy. Bob was on a diet for a time as he was getting quite fat.

**Issues**: She likes to give her cats the best food she can but the local pet shop doesn’t have a wide enough variety of food for her.

**What I’m looking for**: Wide variety of food and treats as well as toys for both young and mature cats.

**Shirley:**

**About me**: I’m 29 and currently enrolled in college for a bachelors degree and I have been working in my local stables for the past 6 years which I own and keep my horse Cherry who’s 9 years of age.

**About my job**: My main activities during work include cleaning the yard, washing and grooming the horses plus making sure they are well fed along with my colleagues who share this load to make it more efficient.

**Issues**: Currently there is no choice for buying horse feed or equipment locally besides one shop which Is close to closing down, contacting businesses over the phone to try get orders through each month is both frustrating and worrying if they will arrive on time.

**What I’m looking for:** For me the biggest things I’m looking for are a wide but focused selection for horse products and feed but also a very easy means of ordering.  
A huge plus would be if I was able to subscribe to a product to be delivered each month on selected dates so that I don’t have to worry and get stressed over trying to talk to staff over the phone to get orders through and then waiting and waiting wondering when it will arrive.

## Scenarios

Scenario 1

James Goes on to the site and signs up and makes a basic profile. NAME ADDRESS USERNAME PASSWORD and Card details. James in selects DOG and chooses what he is looking for “food” goes to age group for his dog. selects the food he wants and adds it to cart.

Scenario 2  
Jessica use the app to find food and toys for her cats. She goes to the cat section of the site and chooses toys scroll through the choices and picks what she wants and adds to cart. She then goes to food and filters through the age categories and picks the appropriate food for her 2 cats. There is choices of flavours and broken up between dry, wet and treats.

## User Stories

## Wireframe

Log in page

Graphical user interface

Description automatically generated with low confidence

Account Create

Graphical user interface

Description automatically generated

Animal Selection

Shape, polygon

Description automatically generated

Selection page

Diagram, shape, polygon

Description automatically generated

Food selection

Shape, polygon

Description automatically generated

Flavours and dietary specifics

Toys/blankets/bowls etc

A picture containing text, floor

Description automatically generated

Graphical user interface, application

Description automatically generated

## Story Boards

James

Graphical user interface

Description automatically generated

Fills in details.

Graphical user interface

Description automatically generated

Enters email and password

A collage of a dog and a cat

Description automatically generated with medium confidence

Choose animal

Calendar

Description automatically generated

Select food

A collage of a dog

Description automatically generated with medium confidence

Select age group

A picture containing logo

Description automatically generated

Select category

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, PowerPoint

Description automatically generated

# System Architecture

# Data Design

# Security Management

When setting up an account with this app the client will be asked to sign up using their email address. With that they will be sent a confirmation email with a confirmation link to click on bringing them back to the app.

Card details will be stored, but it is optional to the client unless they want to sign up for the monthly subscription in which case they have to agree to the storing of the card details.

Cookies will be store in order to collect data for research reasons. But one the app is opened there will be a consent form pop to allow the client to opt out if they so chose.

The app has a “remember me” option when logging in so the app will keep their log in details ready for the next session. The app will auto log out if the app is left inactive for a certain length of time.

# Testing

# Conclusion