

# Project Plan

## Animal Adoption Center



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Date: 01-03-2023

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# 1. Introduction

## 1.1 Current Situation

Petadore is a pet adoption center. It uses manual data storage by paper and does not have an online website. They needed to modernize in order for people who wanted to adopt pets to have an easier access to petadore's collection of animals.

# 2. Problem

## 2.1 Problem Statement

Petadore still uses manual data storage by paper to store the adopted pets and their new animals that has been moved to their shelters. This would usually ends up in mistakes that some animals that has been adopted to be thought that they are still in the adoption center. Some data can also be confused with other animals since each animals have their own traits, they could mistaken one trait for the other animal.

The company also think that having an online website for the customers to see the all the animals the shelter has to offer and can also adopt them online and for them to deliver the animal or pick up the animal later.

## 2.2 Project Goal

The goal of the project is to solve the problems of the data storage for the animals by creating an app to manage these information. And also to make a website for the customers to see the available and animals and to adopt them online.

# 3. Solution

## 3.1 Scope

The scope is to create a functioning data storage application and a working website. By the start of the 1<sup>st</sup> and 2<sup>nd</sup> week, the ideation for the project will be created. By 3<sup>rd</sup> week, the Project plan and URS needs to be made. On the 4<sup>th</sup> and 5<sup>th</sup> week the implementation of the desktop and web application will start.

## 3.2 Deliverables

- A desktop application that will monitor the information about the animals that are available in the shelter.
- Desktop application can add, remove, and edit animals available in the database
- A working website with filter feature to search for certain animals with specified traits
- Website with review and rating feature for shelters.

## 3.3 Non-Deliverables

- Application will not be available as a mobile app

- Application will only manage the data for the animals and the adopters. Application will not manage the employees of the company

## 3.4 Constraints

### 3.4.1 Development Platform Constraint

- The project will be developed using Microsoft Visual studio
- The programming language used is C#
- The Framework used is .Net 7.
- For hosting and file-sharing, the development team will make use of GitLab provided by Fontys University of Applied Science
- MySQL will be used for database implementation on the Hera server.