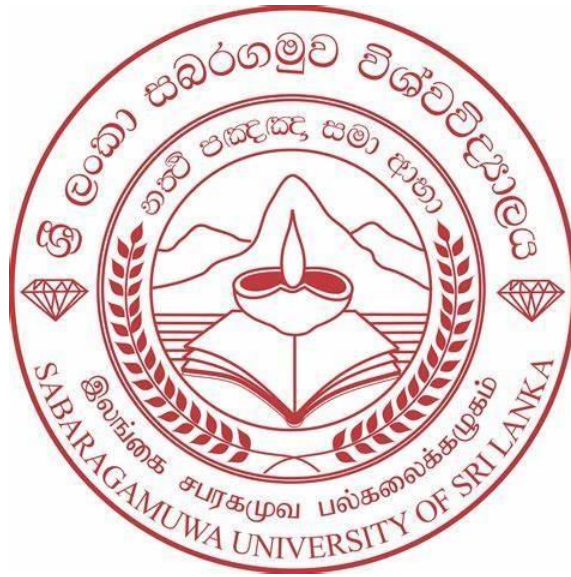# System Analysis And Design -IS2106

Z0016

(Animal Health Care Management System)

System Design and System Analysis

April 12, 2024

Team **Tech-Tribe**

(Group 10)

Department of Computing & Information Systems

Faculty of Computing
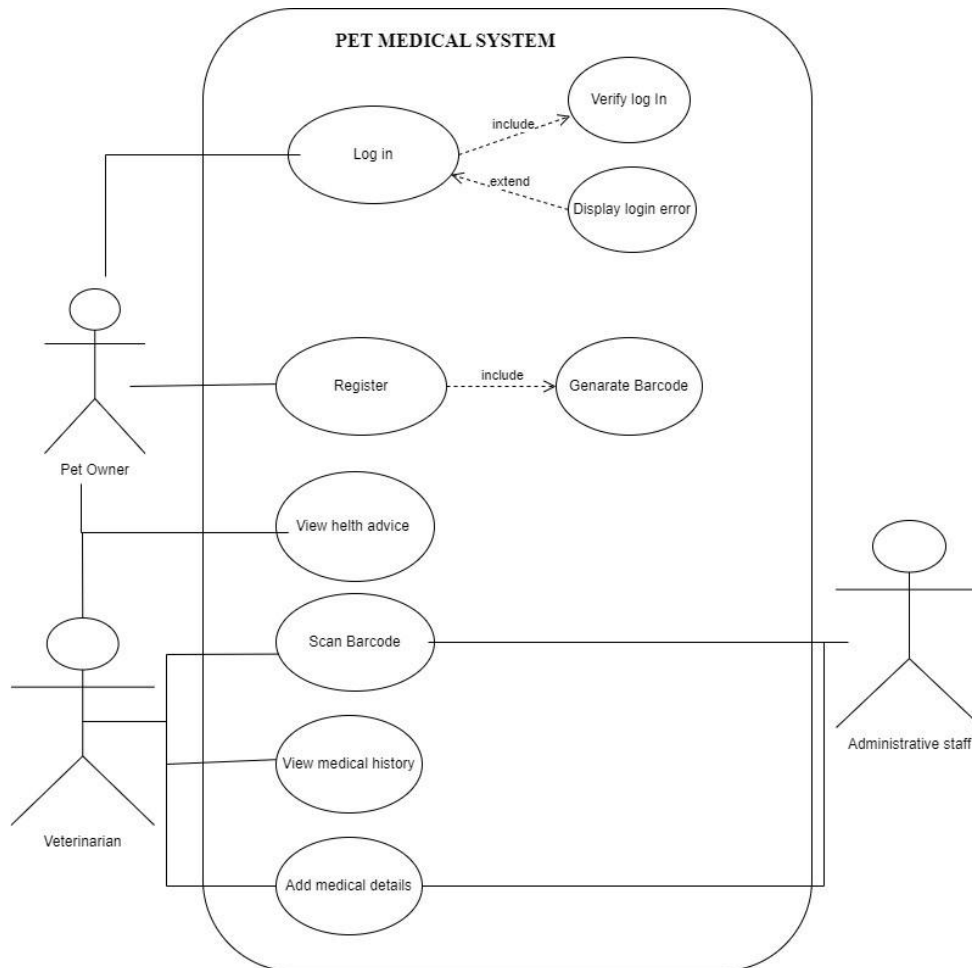
Sabaragamuwa University of Sri Lanka
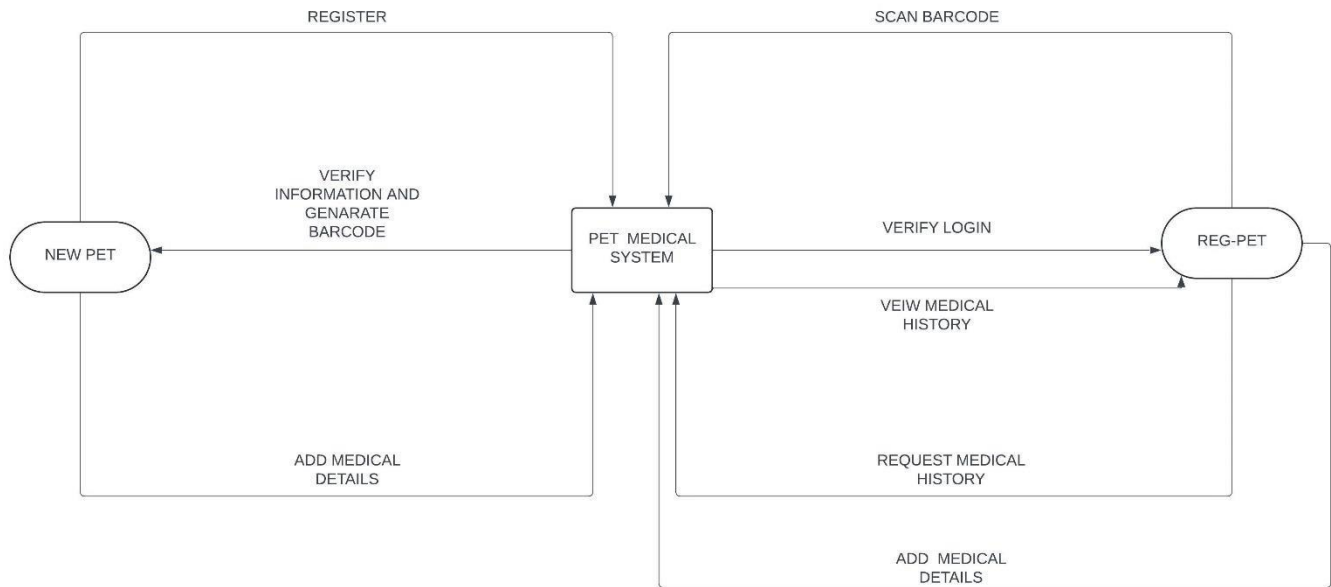
Contents

Introduction

Pet Health Management System is a comprehensive web application designed to streamline pet health record management and provide valuable medical advice for pet owners. With the increasing demand for efficient pet healthcare services, the system aims to bridge the gap between pet owners and veterinary professionals by providing a user-friendly platform for accessing and managing pet medical data. The following tables have been created to show it creatively

Use case diagrams

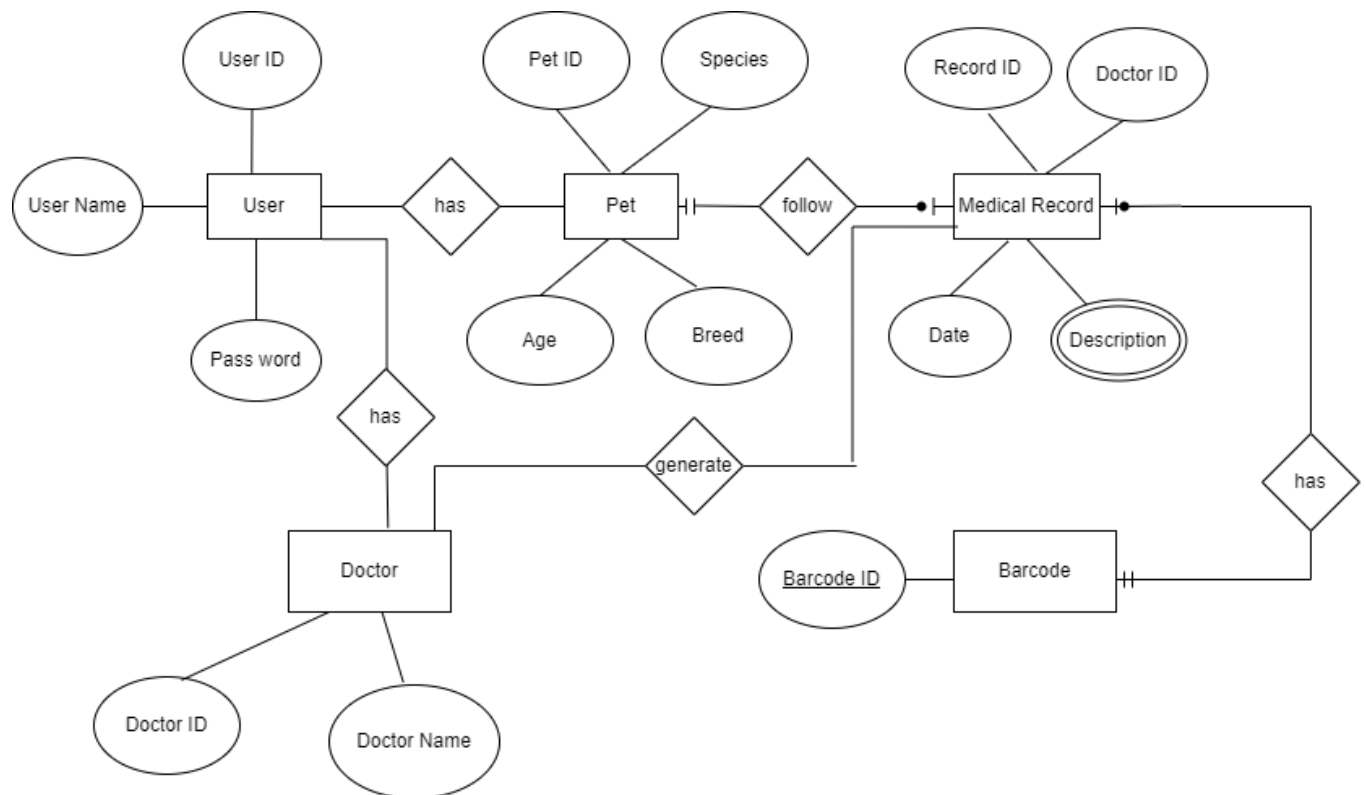PET MEDICAL SYSTEM

Log in — include → Verify log In

Log in ← extend — Display login error

Register — include → Genarate Barcode

View helth advice

Scan Barcode

View medical history

Add medical details

Pet Owner

Veterinarian

Administrative staff

__DFD 0__

REGISTER

SCAN BARCODE

VERIFY
INFORMATION AND
GENARATE
BARCODE

VERIFY LOGIN

NEW PET

PET MEDICAL
SYSTEM

REG-PET

VEIW MEDICAL
HISTORY

ADD MEDICAL
DETAILS

REQUEST MEDICAL
HISTORY

ADD MEDICAL
DETAILS

ER

Data Base Diagrams