# Adoptee

SAVE A LIFE. ADOPT A PET

# INTERIM PRESENTATION

An Application for Pet Adoption & Animal Care

SCS2202 - Group Project 1 - CS Group 26

# OUR GROUP - CS 26

Supervisor : Ms. A.L. Nanayakkara

Co-Supervisor: Mr. Dushan Dinushka



**HIRUNI DAHANAYAKE**
2019/CS/██



**OVINI MEDAGEDARA**
2019/CS/██



**DALANA DHARMATHILAKE**
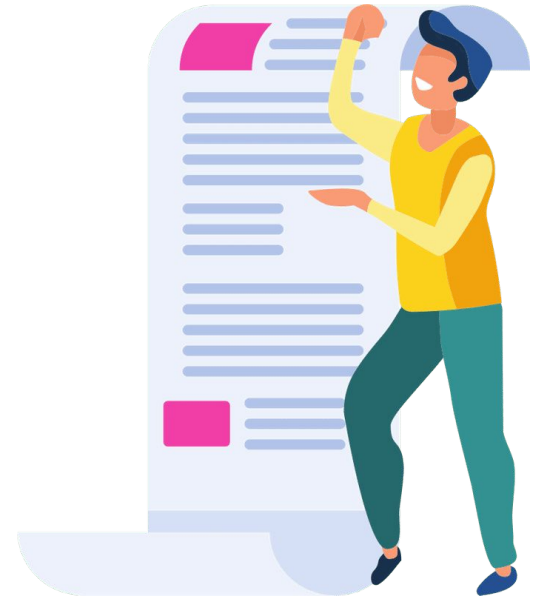2019/CS/██



**THARANI PERERA**
2019/CS/██

# LINE UP

Introduction

Requirements

Our Progress

Quality Aspects

Project Plan

# What is Adoptee ?

A web based platform,

For animal welfare organizations all around the island to,
- ❏ announce adoptions & find adopters
- ❏ receive donations
- ❏ receive long term sponsorships

For the public to,
- ❏ adopt an animal
- ❏ report, care for an injured animal
- ❏ make veterinary consultations get professional medical advice during emergency periods

**Support non-profit organizations in adoption processes and to reduce the death rate of stray animals due to accidents and ignorance.**

# Requirements

## Pet Adoption

- ❏ Listing animals up for adoption.
- ❏ Browsing for pets
- ❏ Adoption requests
- ❏ Acceptance or rejection of adoption requests
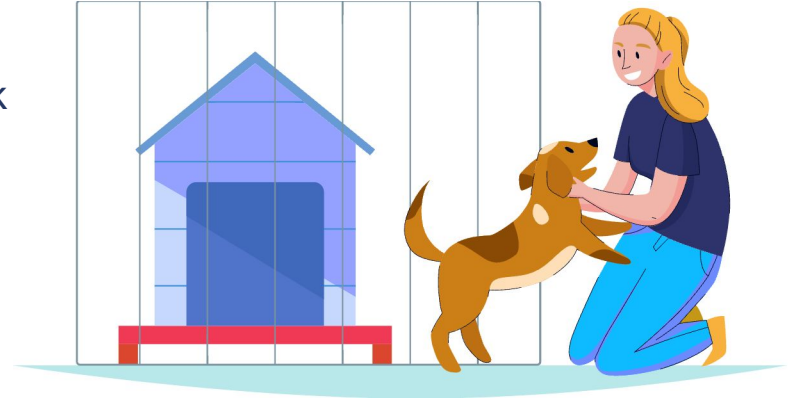
## Animal Rescues

- ❏ Reporting injured/ abandoned animals
- ❏ Respond to rescue requests.
- ❏ Updates on the reported animal

# Requirements contd.

## Animal Welfare Organisations

- ❏ Updates about organizations' welfare work
- ❏ Complaints and feedback
- ❏ Donations
- ❏ Subscriptions for sponsorships
- ❏ Pet merchandise
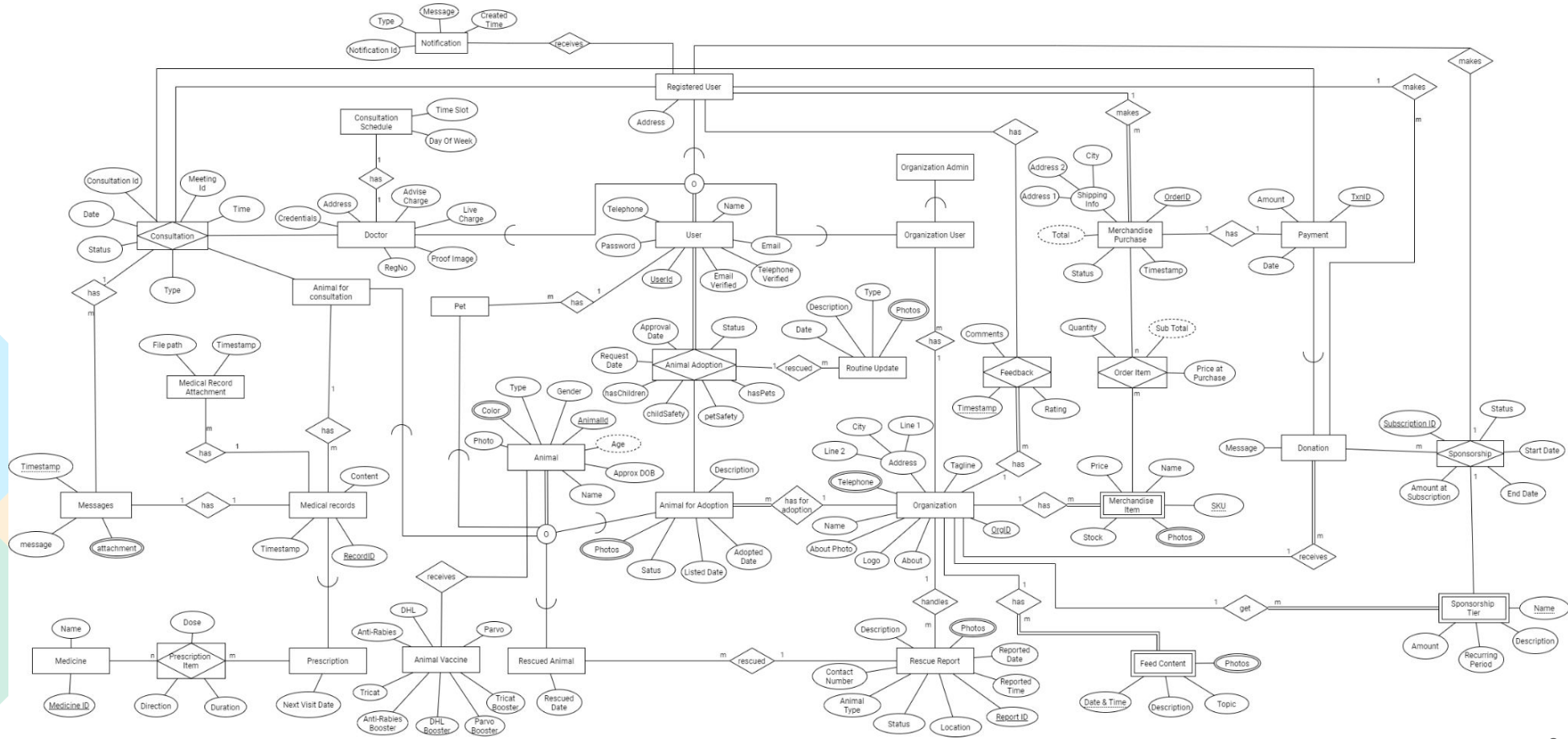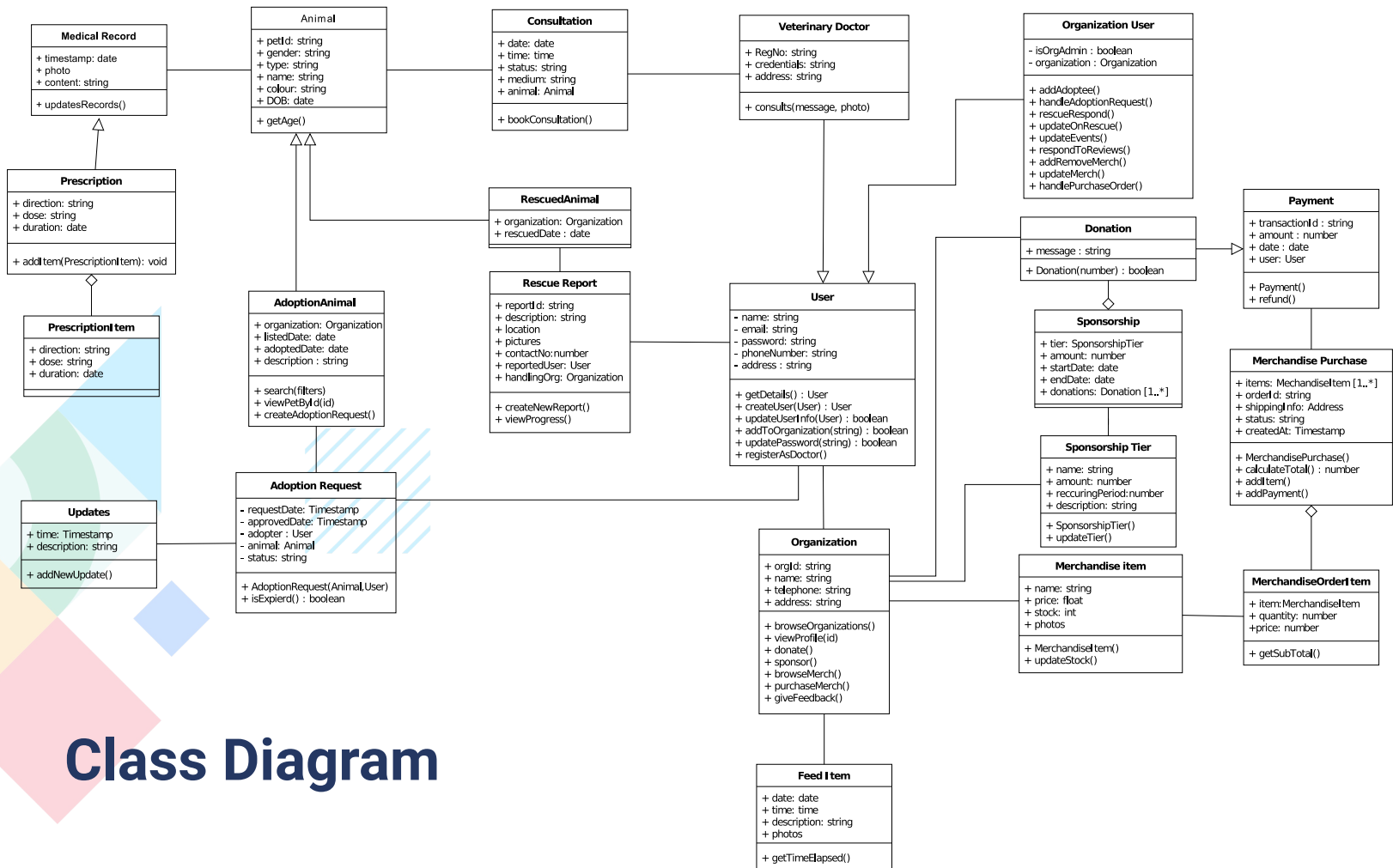- ❏ Multiple users in an organization

## Veterinary Consultation

- ❏ Consultation through messaging, photograph, video call
- ❏ Prescription handling
- ❏ Animals' health records
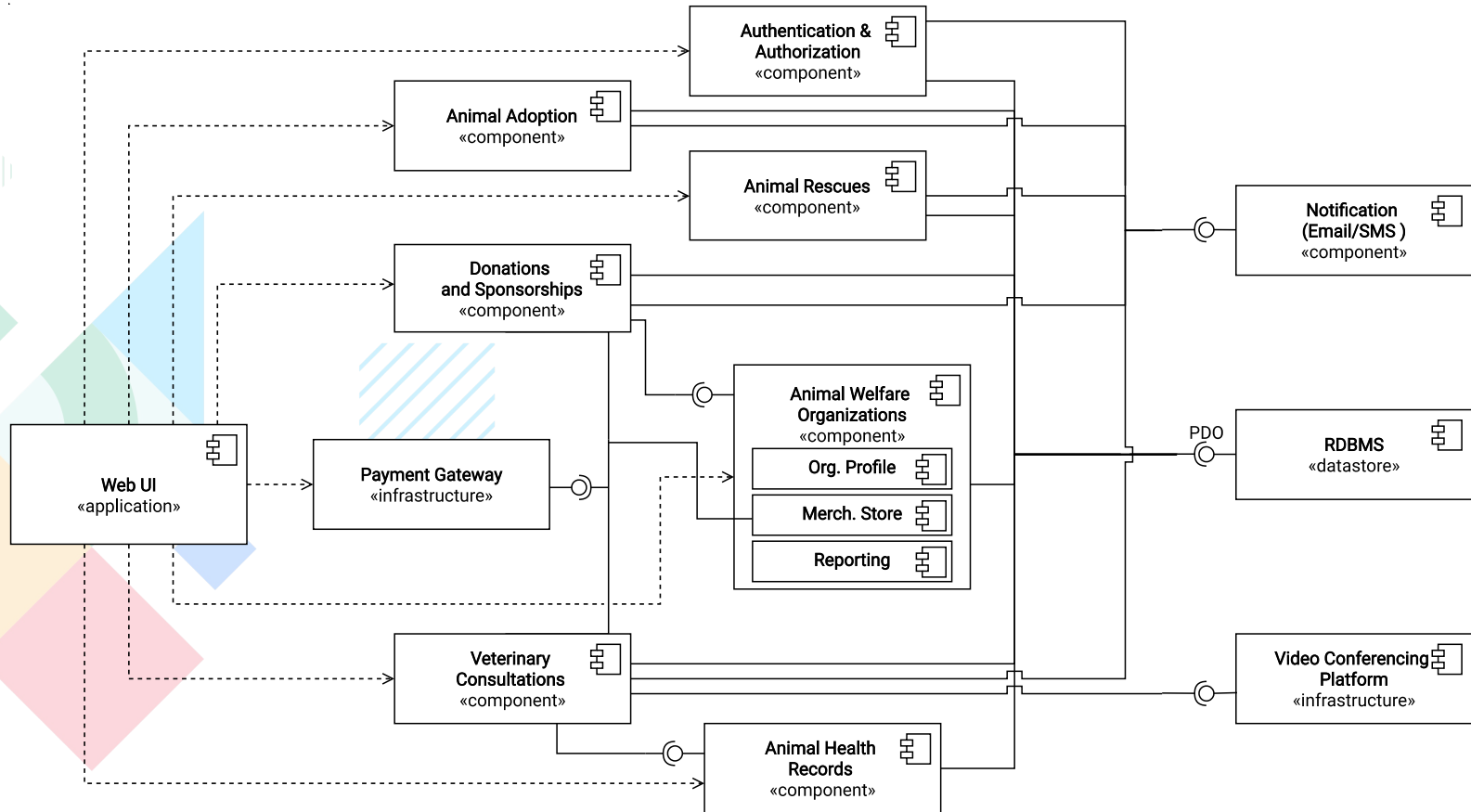- ❏ Payment for consultation

# OUR PROGRESS

# ER Diagram

# Class Diagram

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# System Architecture

# Users & Workload Distribution



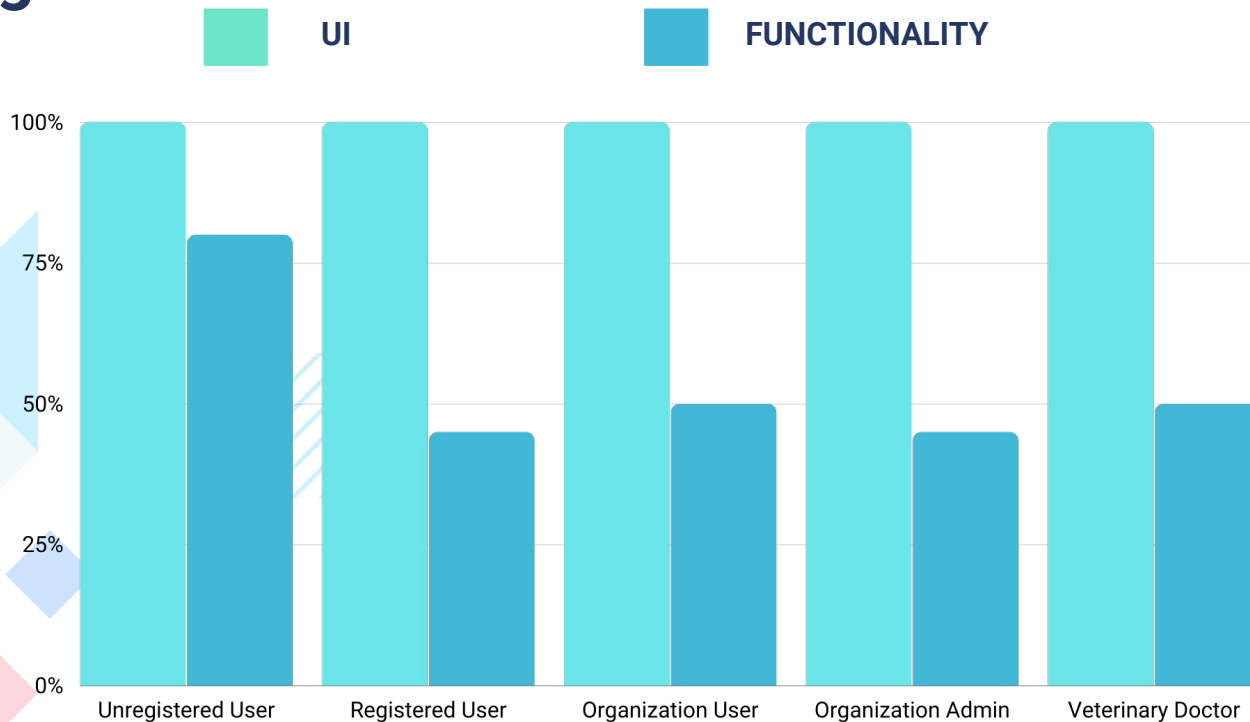| REGISTERED USER | UNREGISTERED USER | ORGANIZATION USER | ORGANIZATION ADMIN | VETERINARY DOCTOR |
|:---:|:---:|:---:|:---:|:---:|
| HIRUNI | HIRUNI | OVINI | THARANI | DALANA |

# Progress



UI  FUNCTIONALITY

**Overall Progress: 65% Completed**
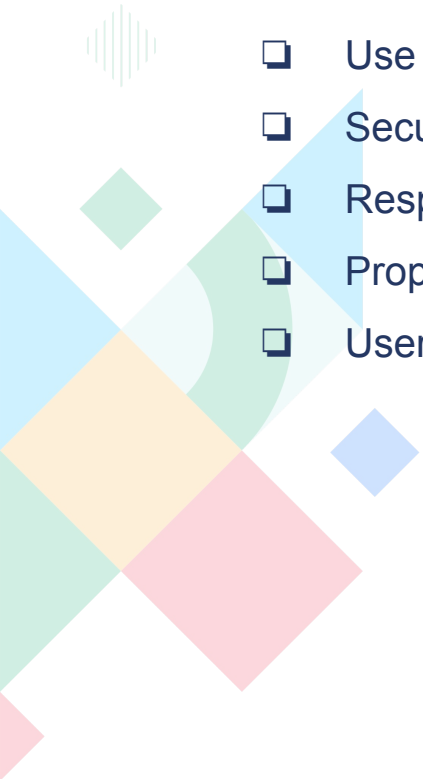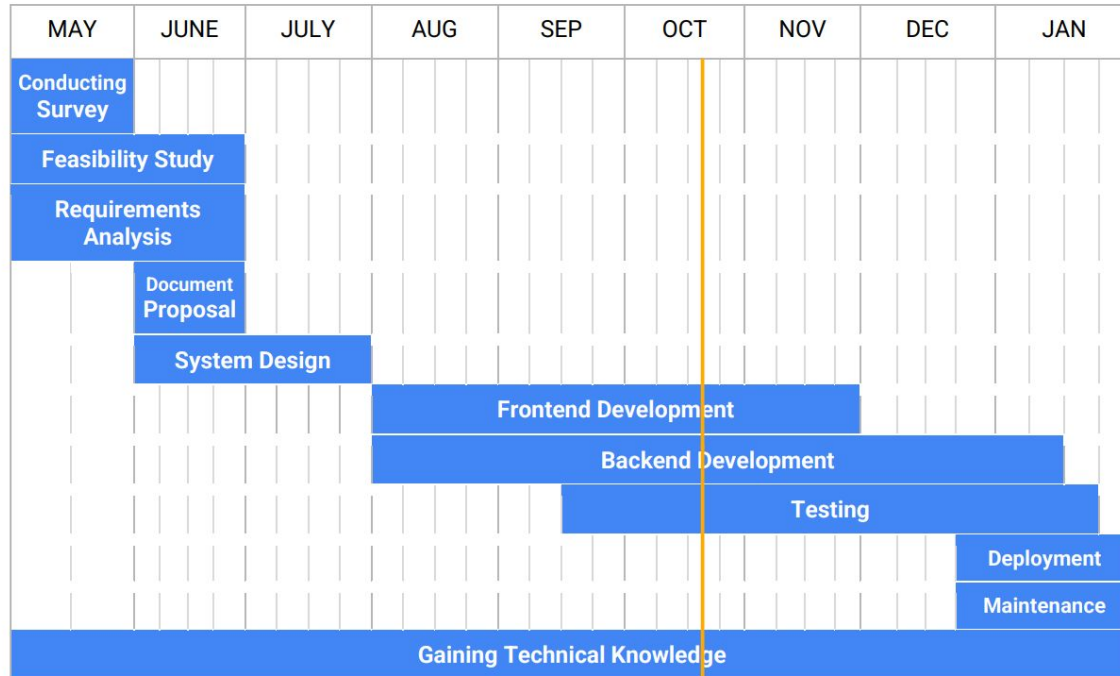
# Technologies Used

**FRONT-END**

**BACK-END**

# Quality Aspects

- ❏ Role-based access control
- ❏ Use of hashing and encryption
- ❏ Secure data transfer through HTTPS
- ❏ Responsive layouts to support mobile platforms
- ❏ Proper input validations & sanitizations
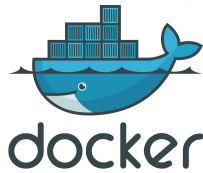- ❏ User process flows are fully checked during testing phase

# Timeline

| MAY | JUNE | JULY | AUG | SEP | OCT | NOV | DEC | JAN |
|-----|------|------|-----|-----|-----|-----|-----|-----|

**Conducting Survey**

**Feasibility Study**

**Requirements Analysis**

**Document Proposal**

**System Design**

**Frontend Development**

**Backend Development**

**Testing**

**Deployment**

**Maintenance**

**Gaining Technical Knowledge**

**WE ARE HERE**

# Deployment Plan

- ❏ Domain : "www.uadopt.me"

- ❏ Containerize the application using Docker.

- ❏ Use a Google compute engine instance (vm) as database server.

- ❏ Deploy the application on a container runtime (eg: cloud run)

# DEMONSTRATION