

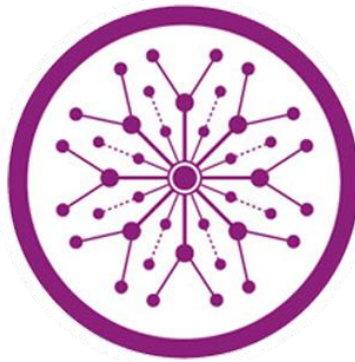
Vet Care

Final Year Project

Session 2019-2023

A project submitted in partial fulfillment of the degree of

BS in Information Technology



Department of Information Technology

Faculty of Computer Science & Information Technology

The Superior University, Lahore

Spring 2023

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- The candidates confirm that the work submitted is their own and appropriate credit has been given where reference has been made to work of others

Plagiarism Free Certificate

This is to certify that, I _____ S/D of _____, group leader of FYP under registration no at _____ Information Technology Department, The Superior University, Lahore. I declare that my FYP report is checked by my supervisor.

Name of Group Leader: _____ Signature: _____

Name of Supervisor: **Sir Javed Iqbal**

Designation: Lecturer

Signature: _____

HOD: Dr. Asad Ali Naqvi

Signature: _____

Project Report

Vet Care

Change Record

Vet Care				
Change Record				
Author(s)	Version	Date	Notes	Supervisor's Signature
Faizan, Mahnoor By Afaz	1.0	3/9/22	Project idea	Bilal
Faizan Mahnoor Afaz	1.1	12/9/22	Template-1	Bilal
Faizan Mahnoor Afaz	1.2	26/9/22	Template-3	Bilal
Faizan, Mahnoor Afaz	1.3	7/10/22	Design (Temp)	Bilal
Faizan, Afaz mahnoor	1.4	23/11/22	Design (UI)	Mahnoor

Dedication

This work is dedicated first of all to my respected teachers of superior university and to my parents who believe me and whom prayers help me to reach this stage so that I can help the humanity by this project work. After this I am dedicating this work to our 21st century youth who will be very busy with the time of passage they do not have enough time to visit the markets this project or website is specially for those youngsters who will get benefit from this in the coming years. After this I would like to thank my team who helped me or worked with me a lot to make this plan or Business a successful one project. Along with Time & Material and Fixed Price the Dedicated Team is a model of collaboration between the customer and the service provider. By signing the agreement on the work on the “Dedicated Team” model, the client receives at his disposal a team of specialists who are selected according to the requirements of the project.

Acknowledgements

I am really thankful to my supervisor who has taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere thanks to all of them. I am highly indebted to many organizations for their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project. I would like to express my gratitude towards my parents & member of Organization for their kind co- operation and encouragement which help me in completion of this project. I would like to express my special gratitude and thanks to industry persons for giving me such attention and time. My thanks and appreciations also go to my colleague in developing the project and people who have willingly helped me out with their abilities.

Executive Summary

In Past few years most of the application launched which are used for buying and selling but not working for real time which mobile apps are not supposed to provide the specification and services for cure and consultation. We are going to make a hybrid mobile application in which doctors and patients both will get registered and get services accordingly. Like consultant and physicians will give the treatment to patients and get paid. Also, patients will get cure and consultation at their home with in time. As We all are pet lovers almost 75% of people have fond to keep pets like cat's dogs and birds. We also know that the amount of animal hospitals and vet clinics are little bit also very expensive. A lot of pets died due to carelessness and Negligence. As pet not get the cure and treatment timely which will cause their deaths.

Sometimes due to pet infections human beings also get infected by their beloved pets.

Mostly vet clinic and veterinary hospitals are on huge distance in this busy running life no one has much time to take their pet on this distance this is the major issue which causes serious issues. The main motive beyond this idea is to Rescue you pet in home with in time so that the precious lives saved from dead. To provide the better care for your animals and be saved their lives Traditional way is to take the pets on clinic in this a lot of time wastage occur also in some cases pets have been dead due to late rescue. Also save the money which we have to pay in the pet doctor clinic or hospital. We have proposed the solution to save the animals life timely also to save the cost of private doctor by making an innovative mobile app which will hold main three functionalities. Descriptive Detail for Disease and Recommended Medicine Detail. General Checkup through ask related question and suggest the medicine and cure according to the disease on message. Video Call for consultation to physician for better care.

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Chapter 1

Introduction

Chapter 1: Introduction

We are going to make an Innovative mobile application which provide instant and healthy cure for your pets, animals and birds also. Which will provide instant and healthy cure for your beloved pet at your home?

1.1. Background

In Past few years most of the application launched which are used for buying and selling but not working for real time which mobile apps are not supposed to provide the specification and services for cure and consultation. We are going to make a hybrid mobile application in which doctors and patients both will get registered and get services accordingly. Like consultant and physicians will give the treatment to patients and get paid. Also, patients will get cure and consultation at their home with in time.

1.2. Motivations and Challenges

- To save the life of pets.
- To safe the money.
- To safe the precious time.
- To make a hybrid platform.
- Gathering data of diseases.
- Classifying the animals.
- Categories the pets.
- Quality of Information
- Satisfying Data

1.3. Goals and Objectives

The main motive beyond this idea is to Rescue you pet in home with in time so that the precious lives saved from dead. To provide the better care for your animals and be saved their lives Traditional way is to take the pets on clinic in this a lot of time wastage occur also in some cases pets have been dead due to late rescue. Also save the money which we have to pay in the

pet doctor clinic or hospital. We have proposed the solution to save the animals life timely also to save the cost of private doctor by making an innovative mobile app which will hold main three functionalities. Descriptive Detail for Disease and Recommended Medicine Detail.

General Checkup through ask related question and suggest the medicine and cure according to the disease on message. Video Call for consultation to physician for better care.

1.4. Existing Solutions

Traditional way is to take the pets on clinic in this a lot of time wastage occur also in some cases pets have been dead due to late rescue. A lot of money spends on pet checkup as the pets' clinics are rare so they charged very high payment against minor checkup.

1.5. Gap Analysis

Desired Situation	Current Situation	Out come
To provide a hybrid platform to doctors as well as patients. Also, safe provide the better care to pets on time.	Go to the vet clinics sometimes due to shortage of time pets died.	To Safe the life of pets by giving them better cure.

1.6. Proposed Solution

The main motive beyond this idea is to Rescue you pet in home with in time so that the precious lives saved from dead. To provide the better care for your animals and be saved their lives Traditional way is to take the pets on clinic in this a lot of time wastage occur also in some cases pets have been dead due to late rescue. Also save the money which we have to pay in the pet doctor clinic or hospital. We have proposed the solution to save the animals life timely also to save the cost of private doctor by making an innovative mobile app which will hold main three functionalities. Descriptive Detail for Disease and Recommended Medicine Detail. General Checkup through ask related question and suggest the medicine and cure according to the disease on message. Video Call for consultation to physician for better care.

1.7. Project Plan

This project covers many aspects but three main frameworks are as follow:

- Descriptive Detail for Disease and Recommended Medicine Detail.
- General Checkup through ask related question and suggest the medicine and cure according to the disease on message.
- Video Call for consultation to physician for better care.

1.7.1. Work Breakdown Structure

A work breakdown structure (WBS) is a visual, hierarchical and deliverable-oriented deconstruction of a project. It is a helpful diagram for project managers because it allows them to work backwards from the final deliverable of a project and identify all the activities needed to achieve a successful project.

WBS:

1. Initial Planning

- 1.1. Specify the criteria
- 1.2. Identify the role
- 1.3. Define scope
- 1.4. Define Limitations

2. Problem Definition

- 2.1. Meet internal guide.
- 2.2. Identify Basic needs
- 2.3. Identify project constrains
- 2.4. Establish project statement

3. Feasibility

- 3.1. Economic feasibility

3.2. Technical feasibility

3.3. Behavioral feasibility

4. Requirement determination

4.1. Identify input

4.2. Identify output

4.3. Process Control

5. Execution

5.1. Process the data

5.2. Define the data

6. Close Out

6.1. Internet checking

6.2. External checking

6.3. Verification

6.4. Validation

1.7.2. Roles & Responsibility Matrix

- Mahnoor Fatima

Frontend Developer

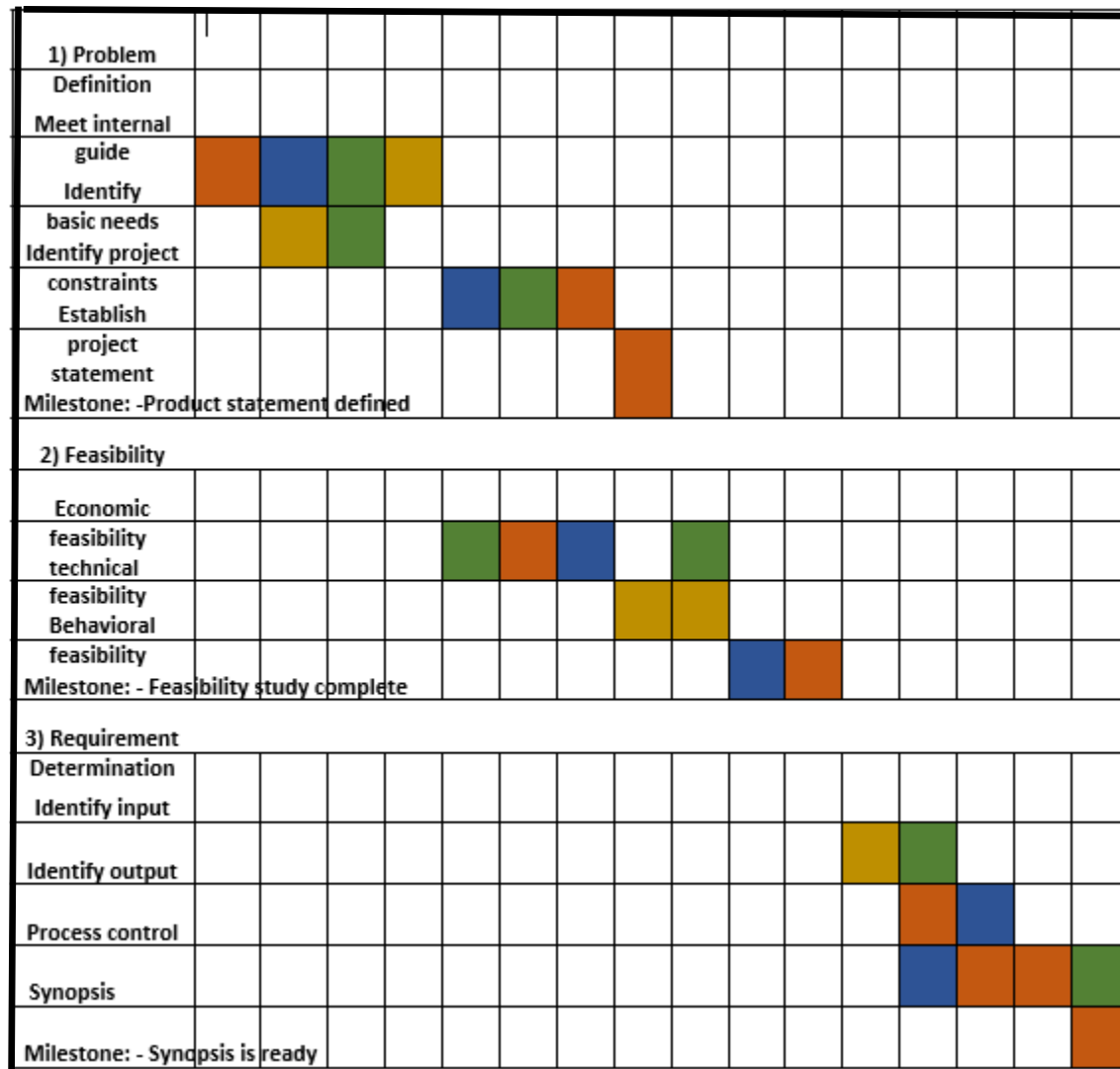
- Muhammad Faizan

Full Stack Development

- Afaq Ahmad

Documentation and Market Research

1.7.3. Gantt Chart



Muhammad Faizan



Mahnoor Fatima



Milestones



Afaq Ahmad

1.8. Report Outline

- Vet care is an essential part of an animal care and use Program. The primary focus of the veterinarian is to oversee the well-being and clinical care of animals.
- Descriptive Detail for Disease and Recommended Medicine Detail.
- General Checkup through ask related question and suggest the medicine and cure according to the disease on message.
- Video Call for consultation to physician for better care.
- Animal Profile Setup and edit by his owner.
- Consultant profile and briefing also set for its registration.
- Physician profile and briefing also set for its registration.
- General checkup is done by knowing the condition of pet.
- Emergency call and checkup also available for critical situation.
- Payment Method Also add.
- Appointments also declare for specific consultant.
- Each consultant have to display its own certificates and degrees on its profile setup.
- Balance maintains between the input and output constraints.

Chapter 2

Software

Requirement Specifications

Chapter 2: Software Requirement Specifications

2.1. Introduction

2.1.1. Purpose

The main motive beyond this idea is to Rescue you pet in home with in time so that the precious lives saved from dead. To provide the better care for your animals and be saved their lives Traditional way is to take the pets on clinic in this a lot of time wastage occur also in some cases pets have been dead due to late rescue. Also save the money which we have to pay in the pet doctor clinic or hospital. We have proposed the solution to save the animals life timely also to save the cost of private doctor by making an innovative mobile app which will hold main three functionalities. Descriptive Detail for Disease and Recommended Medicine Detail.

General Checkup through ask related question and suggest the medicine and cure according to the disease on message. Video Call for consultation to physician for better care.

2.1.2. Document Conventions

- ✚ Font Style Calibri Body
- ✚ Headings use 1
- ✚ Font Size Calibri Body
- ✚ Text Alignment Justified
- ✚ Diagrams Tool EdrawMax
- ✚ Documentation MS Word

2.1.3. Intended Audience and Reading Suggestions

- ✚ Developers
- ✚ Engineers
- ✚ Doctors
- ✚ Market Influencers
- ✚ Medical Stores
- ✚ Hospitals

-  Pets
-  Humans
-  Designers

2.1.4. Product Scope

Vet care is an essential part of an animal care and use Program. The primary focus of the veterinarian is to oversee the well-being and clinical care of animals. The career scope of veterinary science is large and is growing faster in this era of the modern world. The scope of veterinary services has been extended to cover animal health, animal welfare and veterinary public health to address the challenges of animal environmental health.

- ✓ Video Call
- ✓ Message Chat
- ✓ Appointments
- ✓ Hybrid Platform
- ✓ Profile Setup
- ✓ Authentication
- ✓ Verification

2.1.5. References

Zia Veterinary Clinic

Pets and Vets

<http://petsandvetsclinic.com/>

•

<https://www.mannvetclinic.com/>

2.2. External Interface Requirements

2.2.1. User Interfaces

- User will register himself.
- User will create his pet profile.
- User will check the available consultant.
- User will see the suitable physician for general checkup
- User will check the fee of consultant according to its budget.
- User will take the apportionment from specific consultant.
- User will also take emergency check up facility in extreme conditions.

2.2.2. Hardware Interfaces

- Laptop of which generation.
- Emulator of high pixel screen capture.
- Iot Devices.

2.2.3. Software Interfaces

Data that will be shared across software components. If the data sharing mechanism must be implemented in a specific way (for example, use of a global data area in a multitasking operating system), specify this as an implementation constraint.

2.2.4. Communications Interfaces

- Restricted rights available for the consultants and physicians.
- All rights are reserved for admin.
- User will only right to read.
- Admin will handle read and write perspective.

2.3. System Features

System features illustrates organizing the functional requirements for the product by system features, the major services provided by the product. You may prefer to organize this section by

use case, mode of operation, user class, object class, functional hierarchy, or combinations of these, whatever makes the most logical sense for your product.

2.3.1. System Feature 1 >>Admin

- Admin will handle read and write perspective.
- All rights are reserved for admin.
- Admin will arrange the slots.

2.3.2. System Feature 2>>Consultant

- Consultant profile and briefing also set for its registration.
- Emergency call and checkup also available for critical situation.
- Payment Method Also add.
- Appointments also declare for specific consultant.
- Each consultant has to display its own certificates and degrees on its profile setup.
- Balance maintains between the input and output constraints.

2.3.3. System Feature 3>>General checkup

- Descriptive Detail for Disease and Recommended Medicine Detail.
- General Checkup through ask related question and suggest the medicine and cure according to the disease on message.
- Physician profile and briefing also set for its registration.
- General checkup is done by knowing the condition of pet.
- Emergency call and checkup also available for critical situation.
- Payment Method Also add.

2.4. System Features

2.4.1. NON-Functional Requirements

2.1.1. Performance Requirements

Easy tracking of records and updating can be done.

2.1.2. *Safety Requirements*

The system should never crash more than 10 minutes.

2.1.3. *Security Requirements*

The system should encrypt user password by using AMF-123 encryption system

2.1.4. *Software Quality Attributes*

The system should be available 24 hours per 6 days.

2.5 Other Requirements

Availability

The system should be available 24 hours per 6 days.

Security

The system should encrypt user password by using AMF-123 encryption system.

Maintainability

The system should be closed 24 hours per week for maintenance and elaboration.

Performance

Easy tracking of records and updating can be done.

Recoverability

The system should never crash more than 10 minutes.

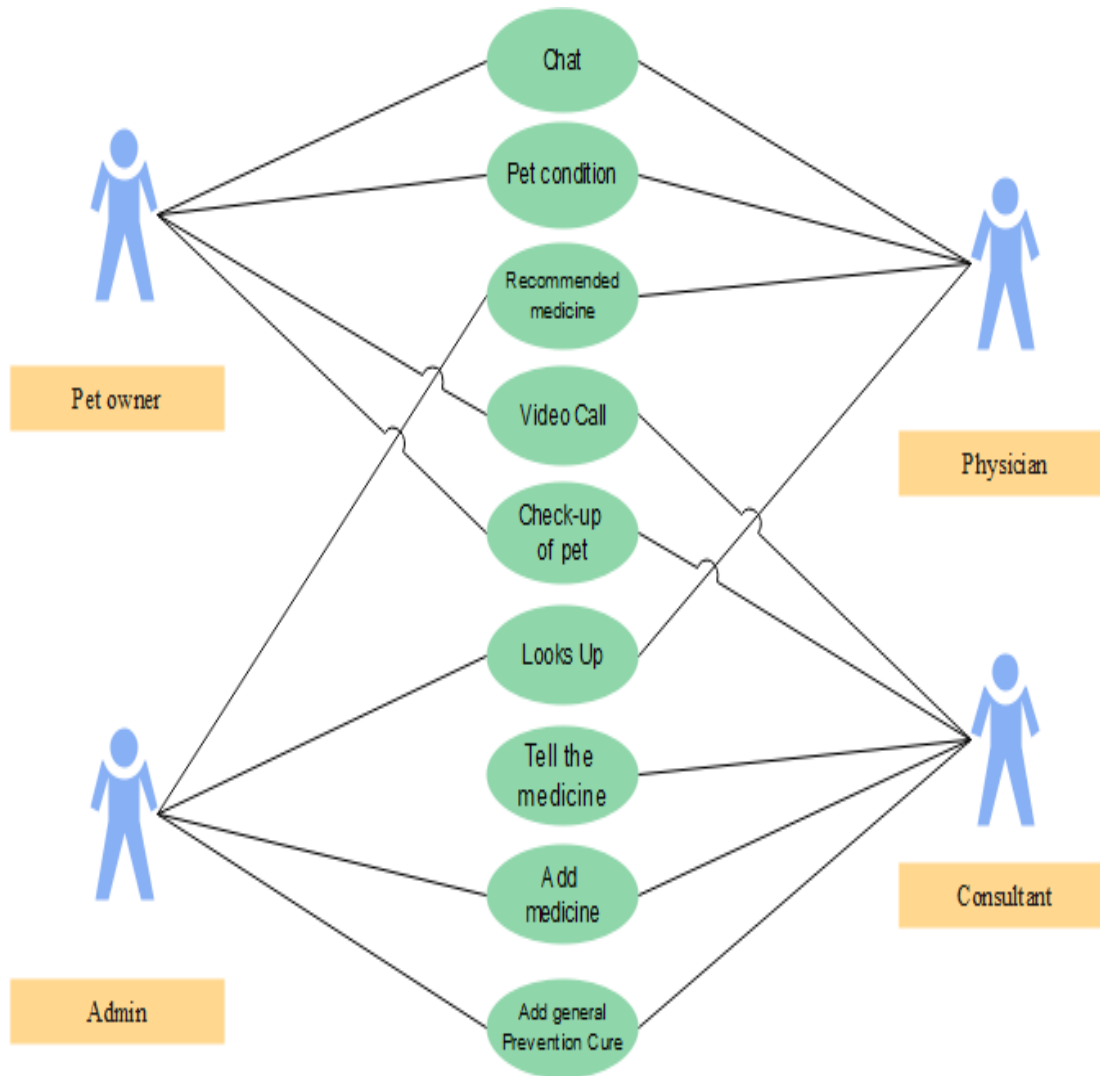
Chapter 3

Use Case Analysis

Chapter 3: Use Case Analysis & Description

1. Vet care is an essential part of an animal care and use Program. The primary focus of the veterinarian is to oversee the well-being and clinical care of animals.
2. Descriptive Detail for Disease and Recommended Medicine Detail.
3. General Checkup through ask related question and suggest the medicine and cure according to the disease on message.
4. Video Call for consultation to physician for better care.
5. Animal Profile Setup and edit by his owner.
6. Admin will overtake all the recipients including physicians, consultant and patients also.
7. Consultant profile and briefing also set for its registration.
8. Physician profile and briefing also set for its registration.
9. General checkup is done by knowing the condition of pet.
10. Emergency call and checkup also available for critical situation.
11. Payment Method Also add.
12. Appointments also declare for specific consultant.
13. Each consultant has to display its own certificates and degrees on its profile setup.
14. Balance maintains between the input and output constraints.
15. General Checkup through ask related question and suggest the medicine and cure according to the disease on message. Video Call for consultation to physician for better care.

3.1. Use Case Model



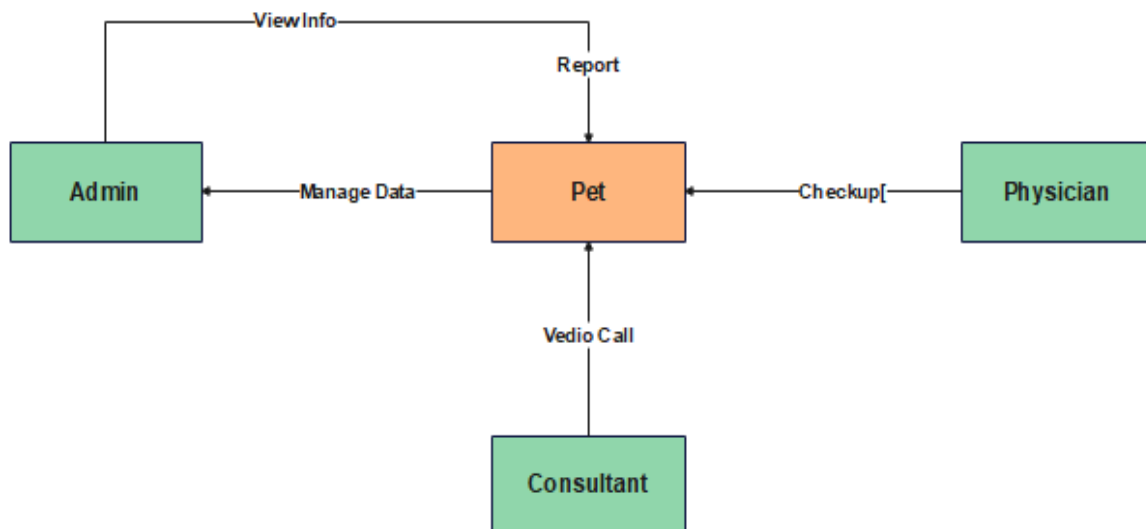
Chapter 4

System Design

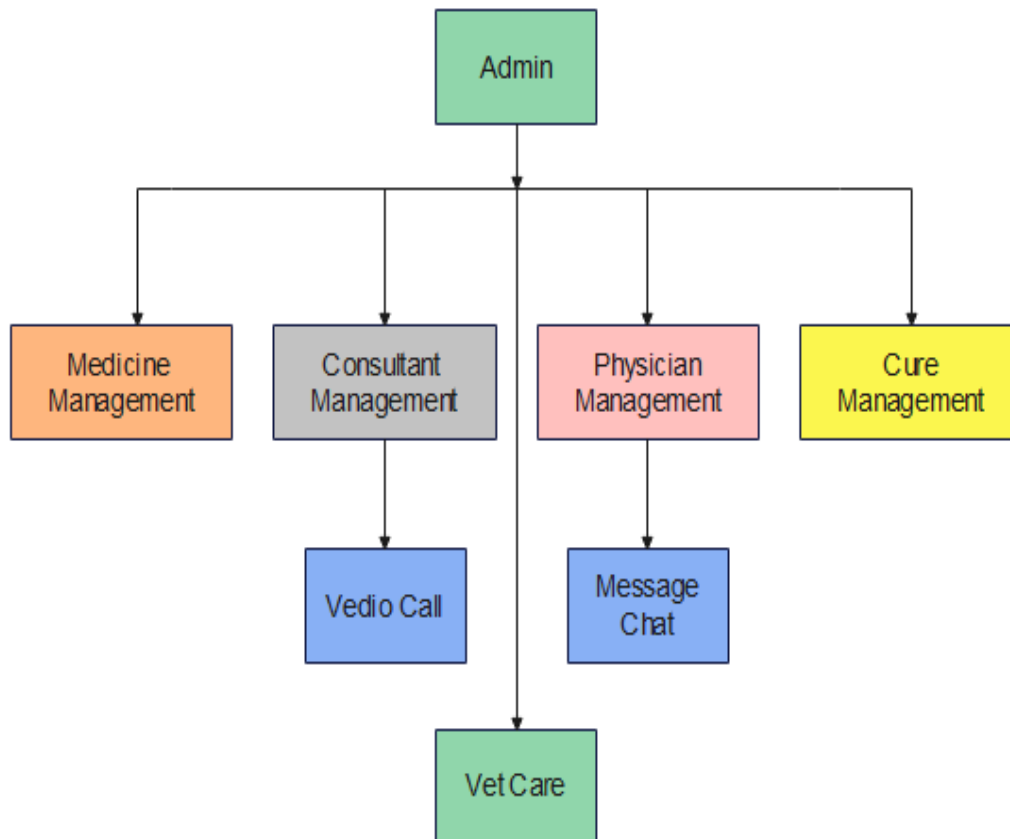
Chapter 4: System Design

- Descriptive Detail for Disease and Recommended Medicine Detail.
- General Checkup through ask related question and suggest the medicine and cure according to the disease on message.
- Video Call for consultation to physician for better care.
- Emergency call and checkup also available for critical situation.
- Payment Method Also add.
- Appointments also declare for specific consultant.
- Each consultant has to display its own certificates and degrees on its profile setup.

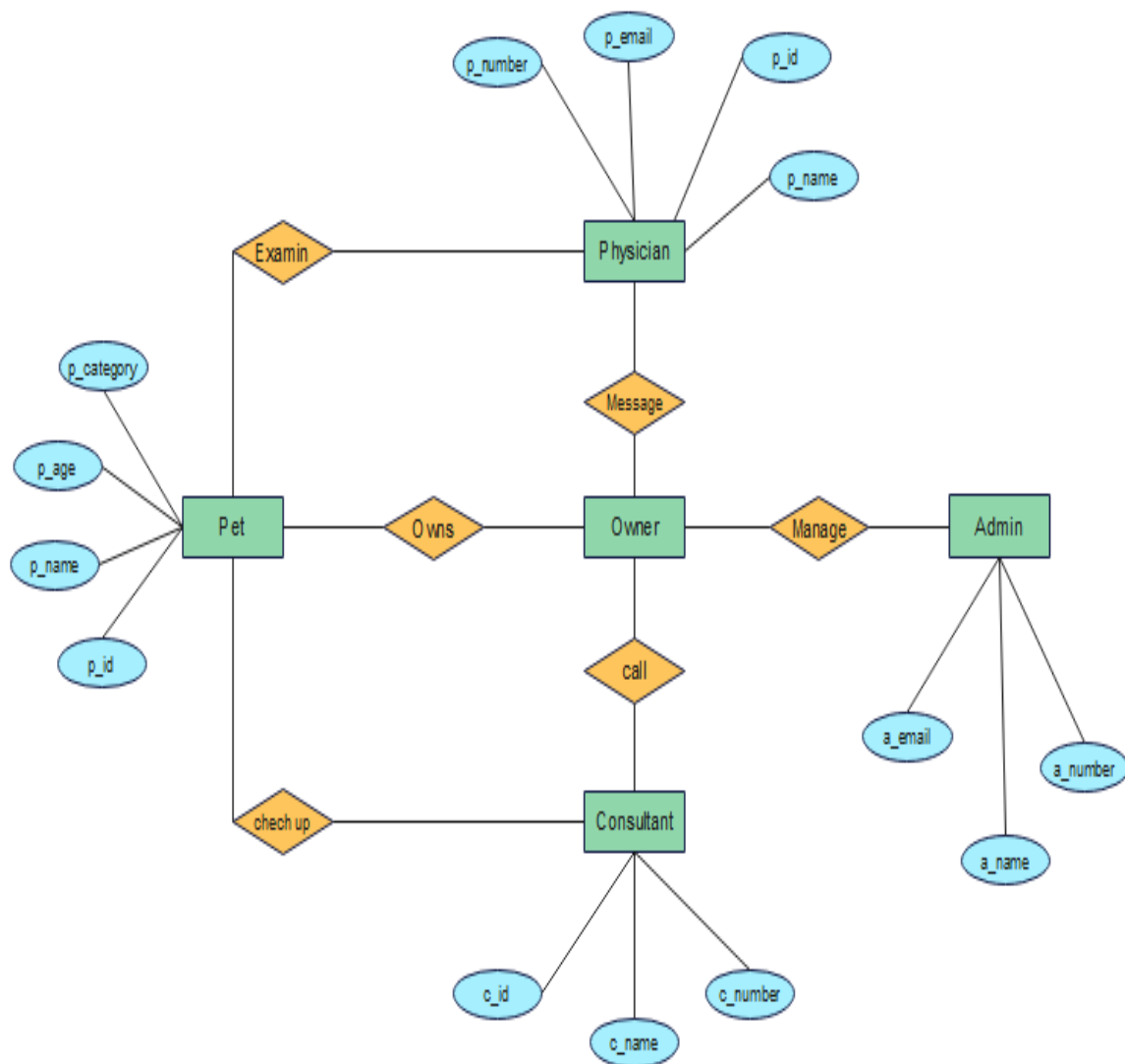
4.1. Architecture Diagram



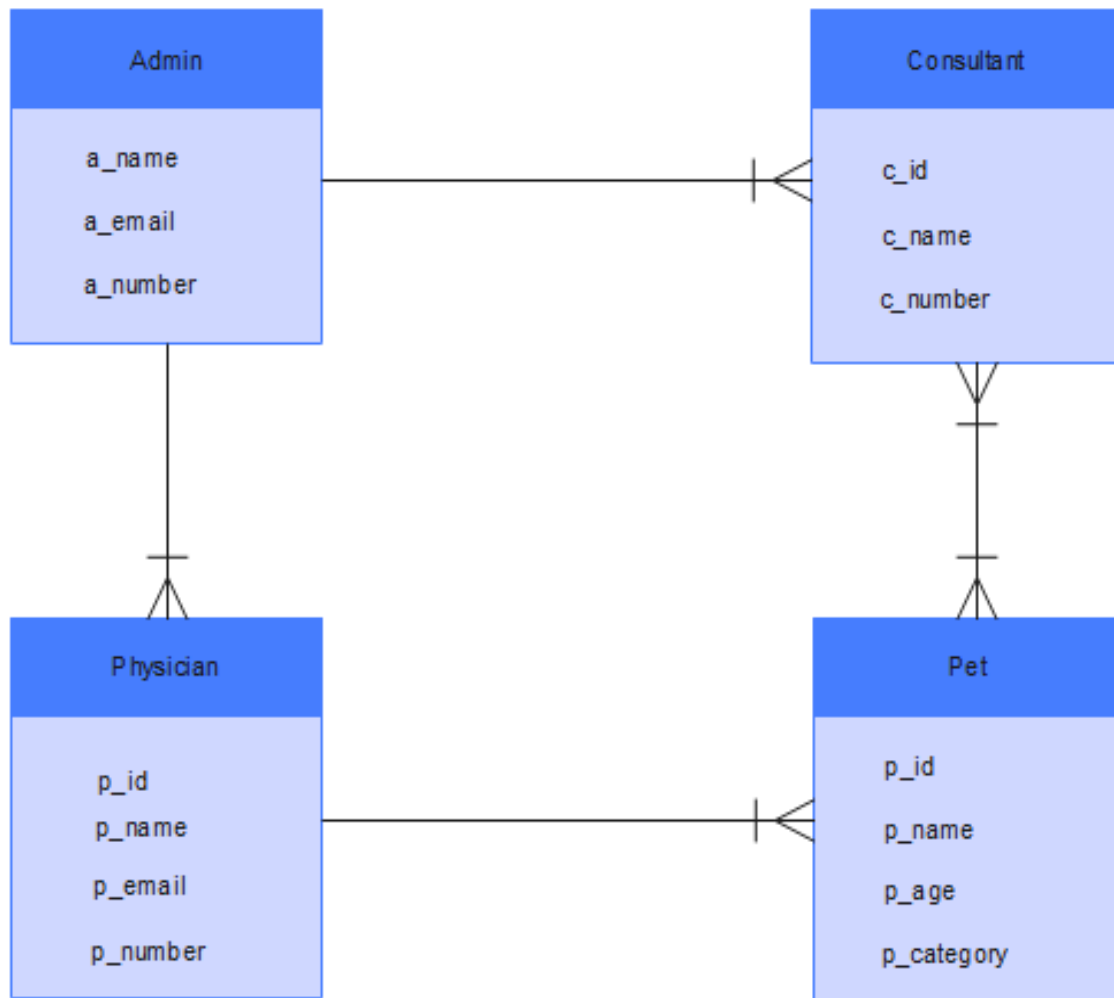
4.2. Domain Model



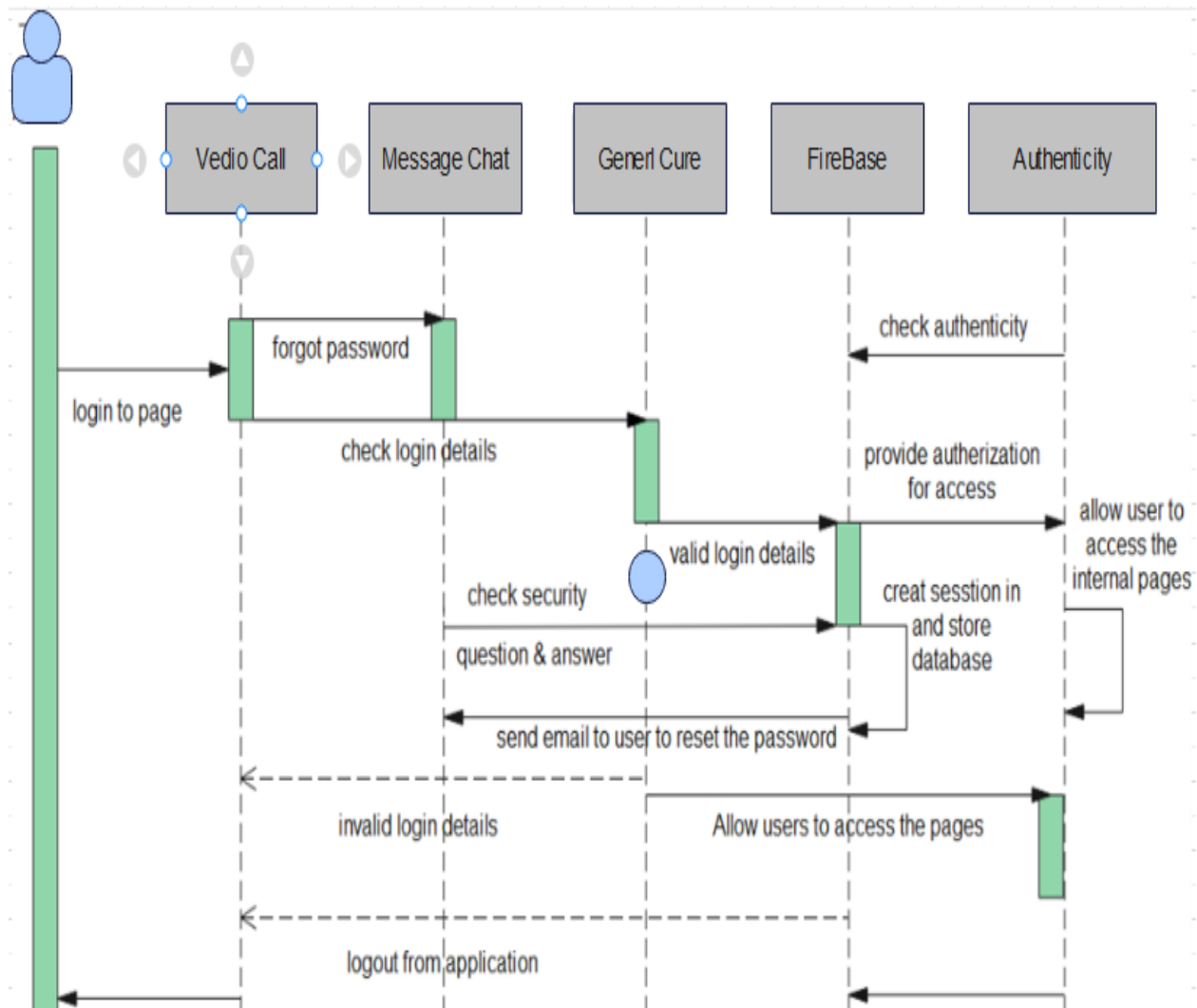
4.3. Entity Relationship Diagram with data dictionary



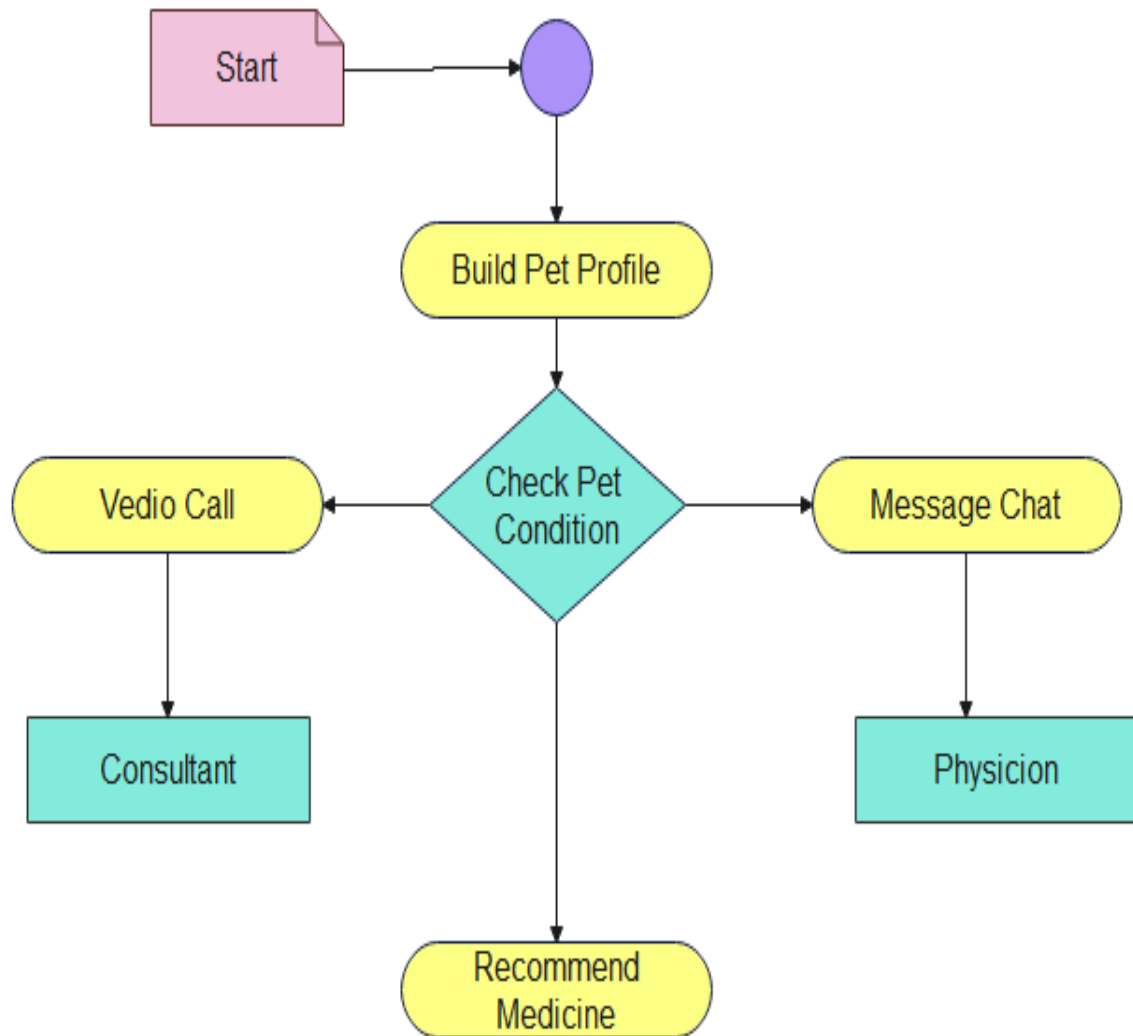
4.4. Class Diagram



4.5. Sequence / Collaboration Diagram



4.6. Activity Diagram



Chapter 5

Implementation

Chapter 5: Implementation

5.1. Important Flow Control/Pseudo codes

```
4.  environment:
5.    sdk: '>=2.18.2 <3.0.0'
6.
7.  # Dependencies specify other packages that your package needs in order to
   work.
8.  # To automatically upgrade your package dependencies to the latest versions
9.  # consider running `flutter pub upgrade --major-versions`. Alternatively,
10. # dependencies can be manually updated by changing the version numbers below
   to
11. # the latest version available on pub.dev. To see which dependencies have
   newer
12. # versions available, run `flutter pub outdated`.
13. dependencies:
14.   google_fonts: ^3.0.1
15.   image_picker: ^0.8.6
16.   permission_handler: ^10.2.0
17.   introduction_screen: ^3.1.1
18.   persistent_bottom_nav_bar: ^5.0.2
19.   carousel_slider: ^4.2.1
20.   flutter_sticky_header: ^0.6.5
21.   flutter_rating_bar: ^4.0.1
22.   onboarding: ^3.1.0
23.   slider_button: ^2.0.0
24.   flutter:
25.     sdk: flutter
26.
27.   # The following adds the Cupertino Icons font to your application.
28.   # Use with the CupertinoIcons class for iOS style icons.
29.   cupertino_icons: ^1.0.2
30.
31. dev_dependencies:
32.   flutter_test:
33.     sdk: flutter
34.
35.   # The "flutter_lints" package below contains a set of recommended lints to
36.   # encourage good coding practices. The lint set provided by the package is
37.   # activated in the `analysis_options.yaml` file located at the root of
   your
38.   # package. See that file for information about deactivating specific lint
```

```
39. # rules and activating additional ones.
40. flutter_lints: ^2.0.0
41.
42. # For information on the generic Dart part of this file, see the
43. # following page: https://dart.dev/tools/pub/pubspec
44.
45. # The following section is specific to Flutter packages.
46. flutter:
47.
48. # The following line ensures that the Material Icons font is
49. # included with your application, so that you can use the icons in
50. # the material Icons class.
51. uses-material-design: true
52.
53. # To add assets to your application, add an assets section, like this:
54. assets:
55.   - assets/images/
56.   # - images/a_dot_ham.jpeg
```

5.1. Components, Libraries, Web Services and stubs

- Flutter
- Dart
- Expendable
- Date Time
- Fonts Class
- Colors Class
- Shared Preferences
- Cupertino Icons
- Widgets
- Stateful
- Stateless
- Layouts
- Functions Dynamic and Static
- Parametric Functions

- Assets
- Images
- Dev Dependencies
- Android
- JDK
- SDK

5.2. Tools and Techniques

This Project is developed by using the following

Platform

- **Visual Code**
- **Android Studio**
- **Collab**

Technology

- **Flutter**
- **Artificial Intelligence**

Language

- **Dart**
- **Python**

Chapter 6

Testing and Evaluation

Chapter 6: Testing and Evaluation

Use Case Testing is a functional black box testing technique that helps testers to identify test scenarios that exercise the whole system on each transaction basis from start to finish.

1. Use Case Testing

6.1.1.

Test Suite ID	TS001
Test Case ID	TC001
Test Case Summary	To verify that by clicking Signup button username, password, email, phone# and address store in users detail in database.
Related Requirement	RSoo1: User should able to Sign up.
Prerequisites	No
Test Procedure	1. Select fields in Signup form. 2. Enter user data in fields. 3. Click Signup button.
Test Data	Valid username: mahnoor, MAHNOOR Invalid username: 12 mahnoor. / mahnoor, mahnoor %^3 Valid password: 123Abc@5, Abc567\$%9
Expected Result	1. If username, password, email and phone# are valid then store user data by clicking signup button. 2. If given inputs are invalid then display error message. 3. If fields are empty then show warning message.
Actual Result	1. If name is valid, the result is as expected. 2. If name is not valid then invalid message displayed. 3. If fields are empty then warning message displayed.
Status	Pass
Remarks	This test case is simple and easy.
Created By	Faizan

Date of Creation	6/6/2023
Executed By	Faizan
Date of Execution	6/7/2023
Text Environment	OS: Visual Studio

6.1.2:

Test Suite ID	TS001
Test Case ID	TC002
Test Case Summary	To verify Authentication or Login.
Related Requirement	RS002: User should able to Login.
Prerequisites	User should Signup first.
Test Procedure	1. Select Username field and enter username. 2. Select Password field and enter password. 3. Click Login button.
Test Data	Valid username: mahnoor, mahnoor Invalid username: 1mahnoor, ./Mahnoor, mahnoor%^3 Valid password: 123Aabc@, abMc567\$% Invalid password: 1_2mahnoor, _mahnooe12
Expected Result	1. If username and password are valid then clicking the Login button user successfully login. 2. If username and password are invalid then clicking the Login button invalid message display. 3. If fields are empty then display warning message
Actual Result	1. If fields are valid, the result is as expected. 2. If fields are not valid then invalid message displayed. 3. If fields are empty then warning message displayed.
Status	Pass

Remarks	This test case is simple and easy.
Created By	Afaq Ahmad
Date of Creation	6/62023
Executed By	Afaq Ahmad
Date of Execution	7/6/2023
Text Environment	OS: Visual Studio

2. Equivalence partitioning

Serial No.	Results	Status
1	User name is alphabetic.	valid
2	User name is not alphabetic.	invalid
3	Password is equal to 10 or greater than 15 characters in length.	valid
4	Password is 2 to 16 characters in length.	invalid
5	Password include one uppercase letter & one lowercase letter.	valid
6	Password include ' _ '.	invalid
7	Email without '@' and '.com'.	invalid
8	Email with '@' and '.com'.	valid
9	Price only be numeric.	valid
10	Price is alphabetic.	invalid
11	Search product with alphabetic.	valid
12	Search product with special character (/,%^, #, @).	invalid
13	No search product name entered	invalid
14	Brand name alphabetic	valid
15	Brand name with special character	invalid
16	Empty field	invalid

3. Boundary value analysis

Sr.		Partition 1	Partition 2	Partition 3
1.	Password	Less than 8 characters	1 – 8 characters	9 – 12
2.	Phone	<=0	1 - 11	9 – 12

4. Data flow testing

The relationship between one entity and another while performing a specific task in during data flow. Such as between the sign up and registration process etc.

5. Unit testing

In unit testing we have testified our different panel codes individually by performing different tests and by executing them individually, separately on different computers and they were successfully executed and they performed well.

6. Performance testing

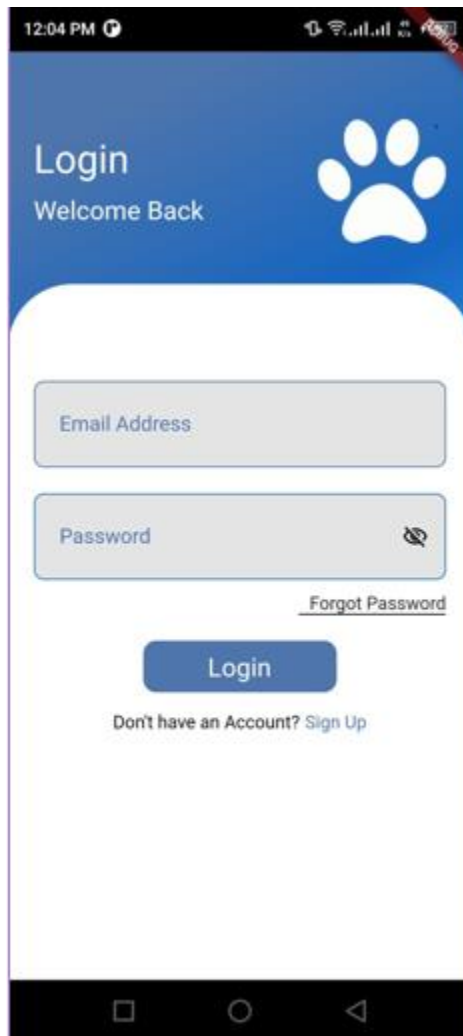
In performance testing a particular certain situation is given to the website let's just say a 50 users try to register at the same time so how the system recovers back gracefully with complete results. So according to our extracted results, around 100+ people were able to register in our website.

7. Stress Testing

Let's say if 100 customers order at the same restaurants at the same time along with the same food level which increases the stress on the website at a maximum load how will the website will perform under these circumstances.

Activity	Description
Register	The user can register and save his/her information into the system
Login	The user can login using his/her credentials
Type of user	Upon registering, the user specifies which type of user they are
Manage profiles	The user can edit/disable their accounts
Search Profiles	The donators can search profiles based on the nearest
Call user	The user can call the phone number of the user
Send Notification	The donator can send notification for possible donation
Check Notification	The user can check notifications for possible donations
Log out	The user can log out

Interface for Login:



The image shows a mobile application login screen. At the top, there is a blue header with the word "Login" in white, followed by "Welcome Back" in a smaller white font. To the right of the text is a white paw print icon. Below the header is a white rounded rectangle containing the login form. The form has two input fields: "Email Address" and "Password". The "Password" field has a small eye icon to its right. Below the "Password" field is a link that says "Forgot Password". Below the link is a blue "Login" button. At the bottom of the form is a link that says "Don't have an Account? Sign Up". The entire screen is framed by a black border, and the bottom of the screen shows a black navigation bar with three white icons: a square, a circle, and a triangle.

12:04 PM

Login

Welcome Back

Email Address

Password

[Forgot Password](#)

Login

Don't have an Account? [Sign Up](#)

Chapter 7

Summary, Conclusion and Future Enhancements

1. Project Summary

The main motive beyond this idea is to Rescue you pet in home with in time so that the precious lives saved from dead. To provide the better care for your animals and be saved their lives Traditional way is to take the pets on clinic in this a lot of time wastage occur also in some cases pets have been dead due to late rescue. Also save the money which we have to pay in the pet doctor clinic or hospital. We have proposed the solution to save the animals life timely also to save the cost of private doctor by making an innovative mobile app which will hold main three functionalities. Descriptive Detail for Disease and Recommended Medicine Detail.

2. Achievements and Improvements

The biggest achievements here are that we were able to enhance our skills to the professional extend that we learned in four years of studying and apply it to this project. We learned software architecture design techniques, UML modeling, project management, testing and much more, and were able to apply it all in this project. The next big achievement is the things we learnt during this project. New languages, frameworks, libraries, different software's for diagrams Database. All that will be useful for us in our futures. We learn Creative thinking.

3. Critical Review

The critical element of our system is: Is our system is fast moving, give user friendly interface, not very costly, fulfill the specific requirements of the users at a runtime, has all the features which any organizations can require. To manage all these aspects, it took lot of time and hard work. Every one can get befits from this because it a hybrid platform for doctors as ell as consultants.

4. Lessons Learnt

We absorb very much from this project. This project sharpens our skills in xml and android studio visual code many other tools and many management concepts as well as how to deal

with a problem and how to stick for finding the solution of any problem until you find. As well as technical skills this project also enhances our personal development skills such as team working, dedication. Marketing Survey is the best opportunity for us in whole project we meet new peoples some of seniors and leaders, these are experiences take us on separate height. The biggest achievements here are that we were able to enhance our skills to the professional extend that we learned in four years of studying and apply it to this project.

5. Future Enhancements/Recommendations

As it has been already said, there is always room for further improvement. And since we plan to launch this website as our own startup, enhancements will keep coming.

The system has been built on react native, but at some point, we work on its efficiency, accessibility, flexibility, we are definitely going to scale it up which we believe ours is eventually going to become. We make it more user-friendly interface.

Appendices

Appendix-1

Performance
Reliability of the system

Appendix-8

Stimulus Responses Security of the system

Appendix-9

Administration

Appendix-2

Interface
Hardware & software

Appendix-10

System Architecture
Layout & Design

Appendix-3

Use case description

Appendix-4

Diagram and Structures

Appendix-5

Python, MySQL
Flutter, Dart

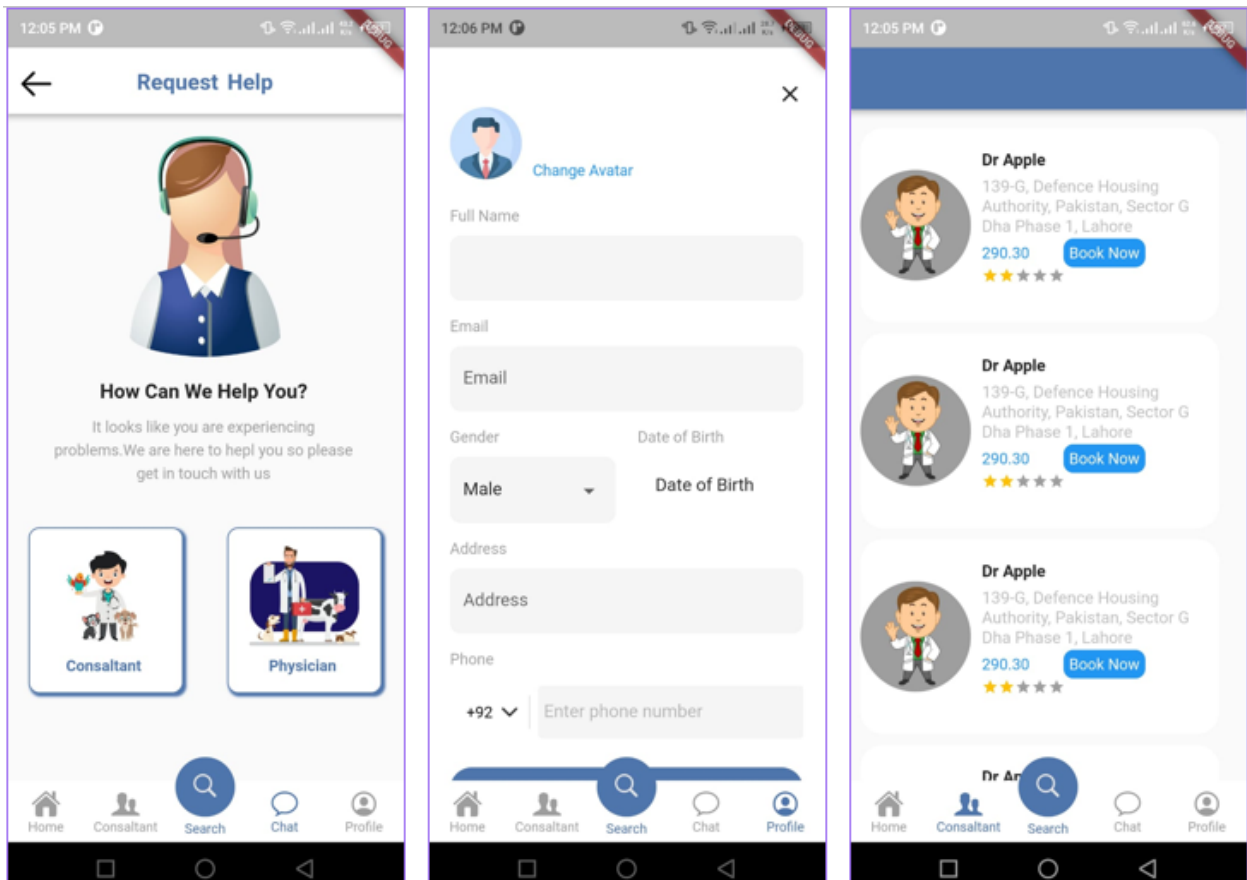
Appendix-6

Gap Analysis
Current situation
Existing System
Expected Result
Desired Outcomes

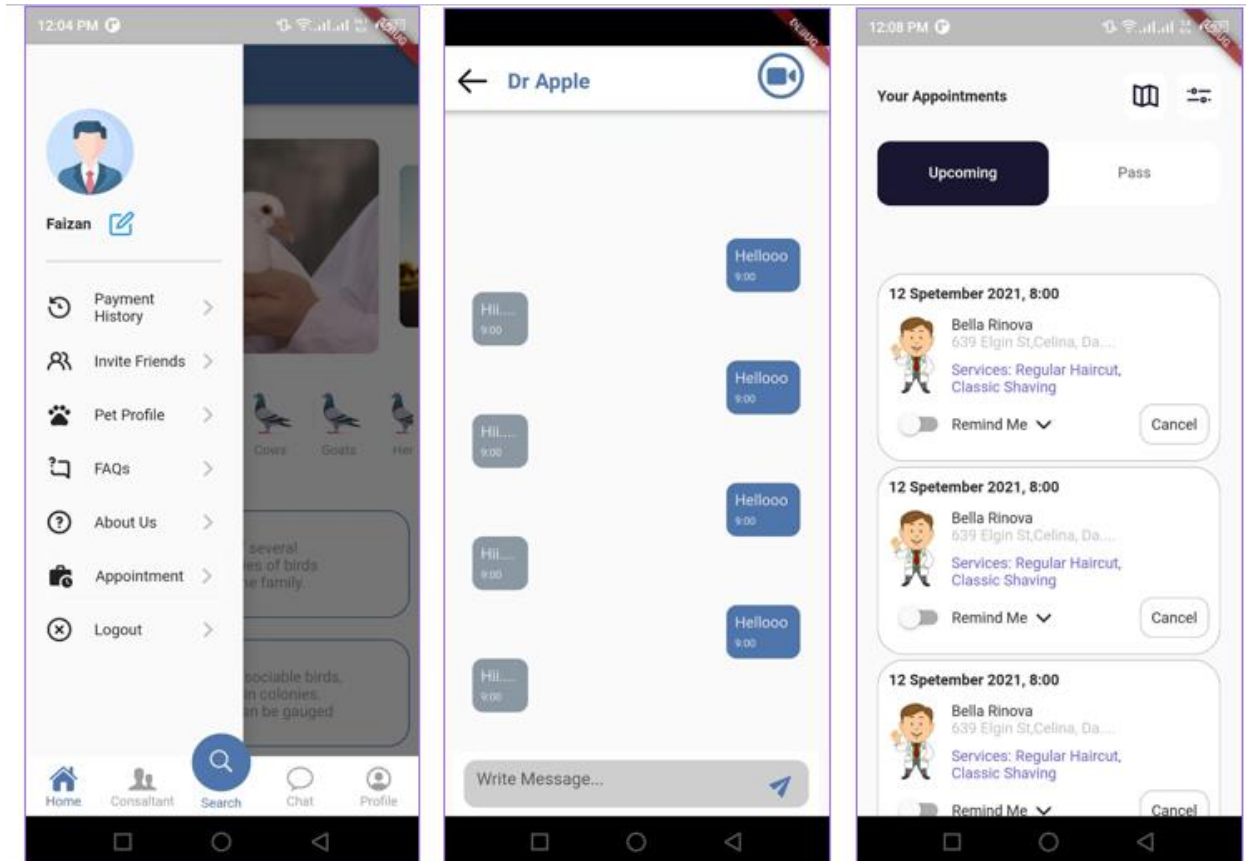
Appendix-7

WBS
Feasibility
Documentation

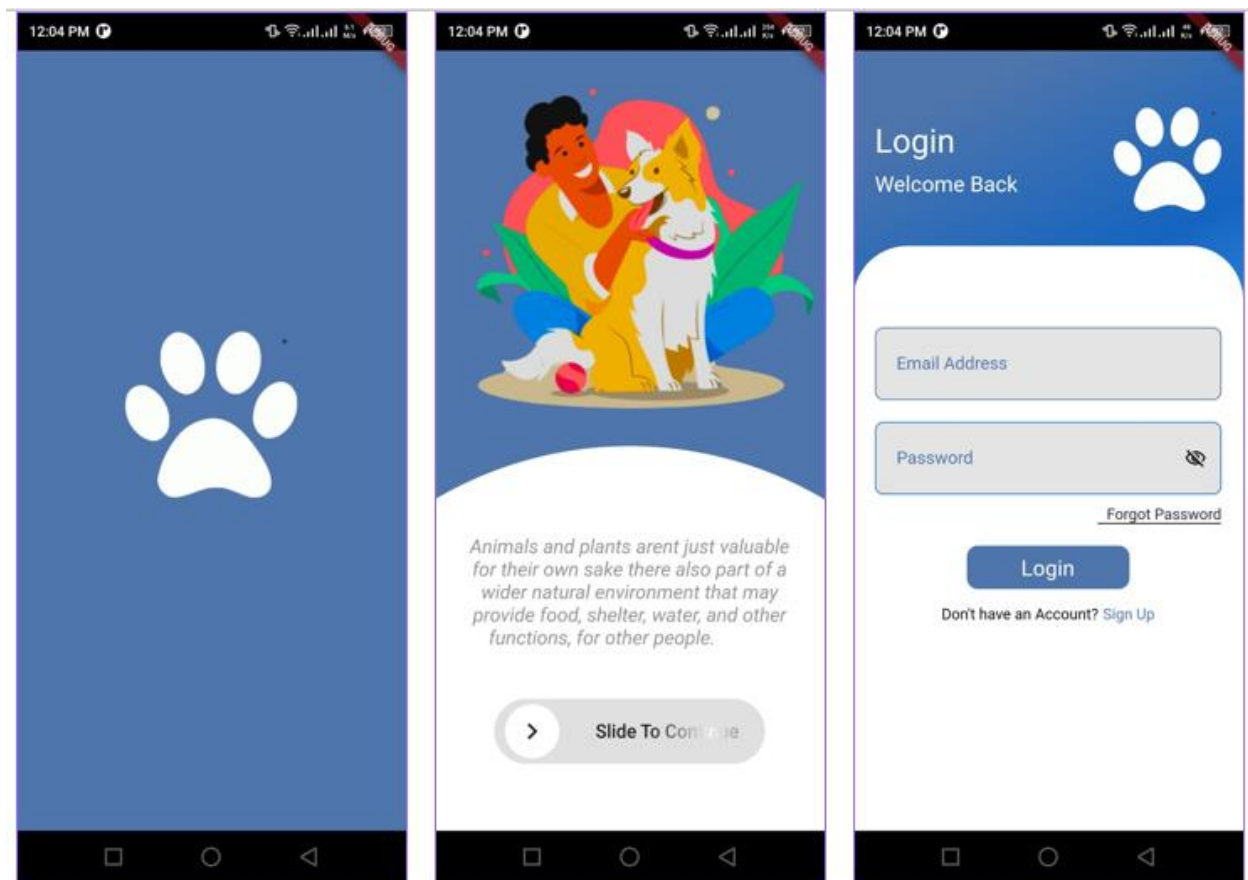
Doctor Manual



Appointment Manual



Login Manual



Reference and Bibliography

Reference and Bibliography

Zia Veterinary Clinic

Pets and Vets

<http://petsandvetsclinic.com/>

<https://www.mannvetclinic.com/>

VET PLUS clinic & store – Dr. Nadeem Akber 0333-3734437, Gulistan-e-Jauhar Block 14 near Darul Sehat Hospital.

Pirzada Pets Clinic, 34521859, 37707751, Shop #22, Royal Apartments, KDA Scheme 1

Pirzada Pets Clinic, 35852988, 37707752, 4-C, 14th Street, Off Khayaban-e-Shamsheer, DHA5.

Dr. Iftikhar A. Pirzada, Pirzada Pets Clinic 03332341405

Dr. Abrar Pirzada, KDA & DHA5 03332377083