
PET DATING

CAPSTONE PROJECT PRESENTATION

PET DATING

Supervisor: Mr. Phan Duy Hung

Team member:

Nguyễn Đức Thịnh

Nguyễn Đỗ Anh Khương

Khương Trung Hiếu

Trịnh Văn Anh

Nguyễn Hoàng Phong

TABLE OF CONTENTS

01	Project Overview
02	Project Management
03	Software Requirement
04	Software Design
05	Software Testing
06	Demo & QA

I. Project Overview

Introduction



EOEO Coffee

6/84 Ngõ 106 Hoàng Quốc Việt



Pet Mart

3 Đại Cồ Việt



Hanvet Clinic

126 Nguyễn Đình Hoàn

Existing Systems



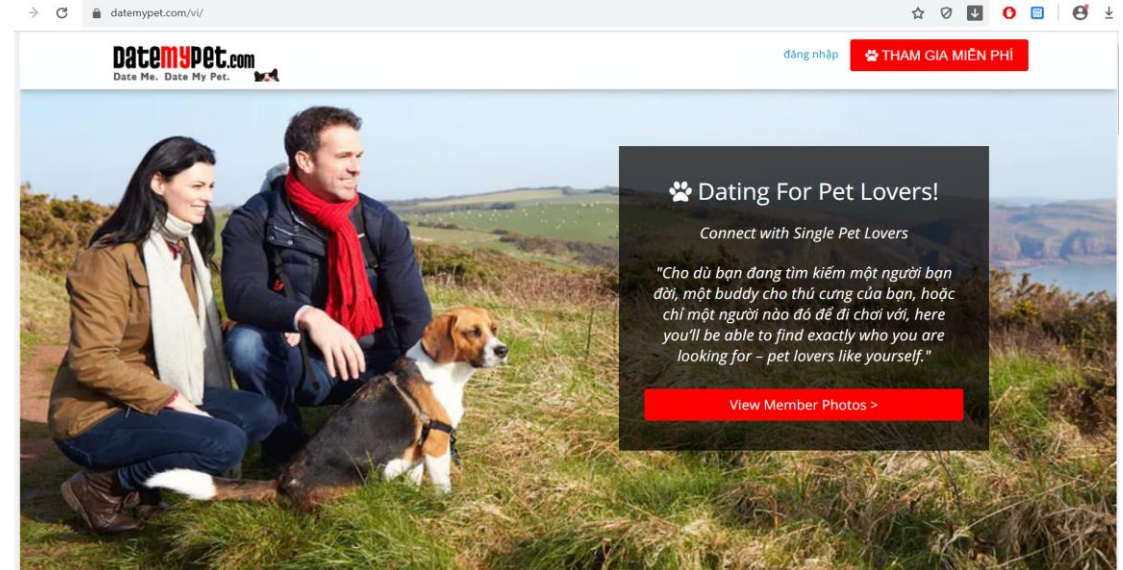
Get Bone app



- Interface is easy to use and be like Tinder
- Support finding mates.



- Only news, no communication between users



Datemypet.com

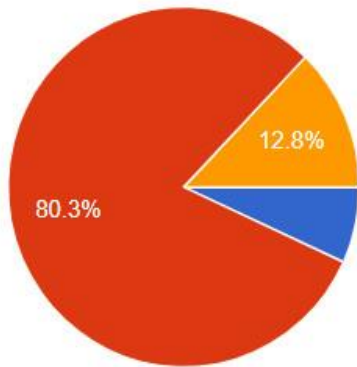


- Provide news and more information about pets.



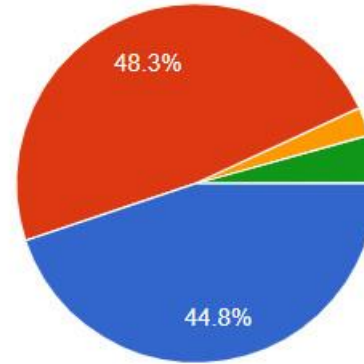
- Not support finding mates.
- Only news, no communication between users

Survey Result



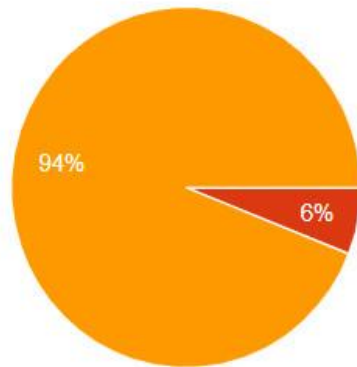
Độ tuổi khảo sát

- Dưới 18 tuổi
- Từ 19 đến 35 tuổi
- Từ 35 đến 50 tuổi
- Trên 50 tuổi



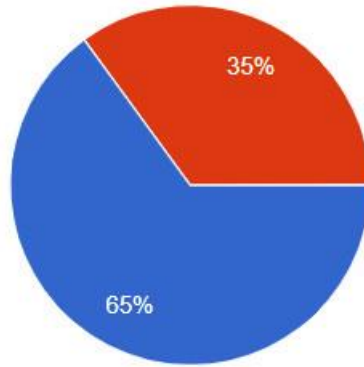
Loài khảo sát

- Chó
- Mèo
- Thỏ
- Hasmter
- Bò sát



Quan điểm về ứng dụng kết nối thú cưng

- Không quan tâm
- Trung lập
- Rất hứng thú, muốn thử trải nghiệm

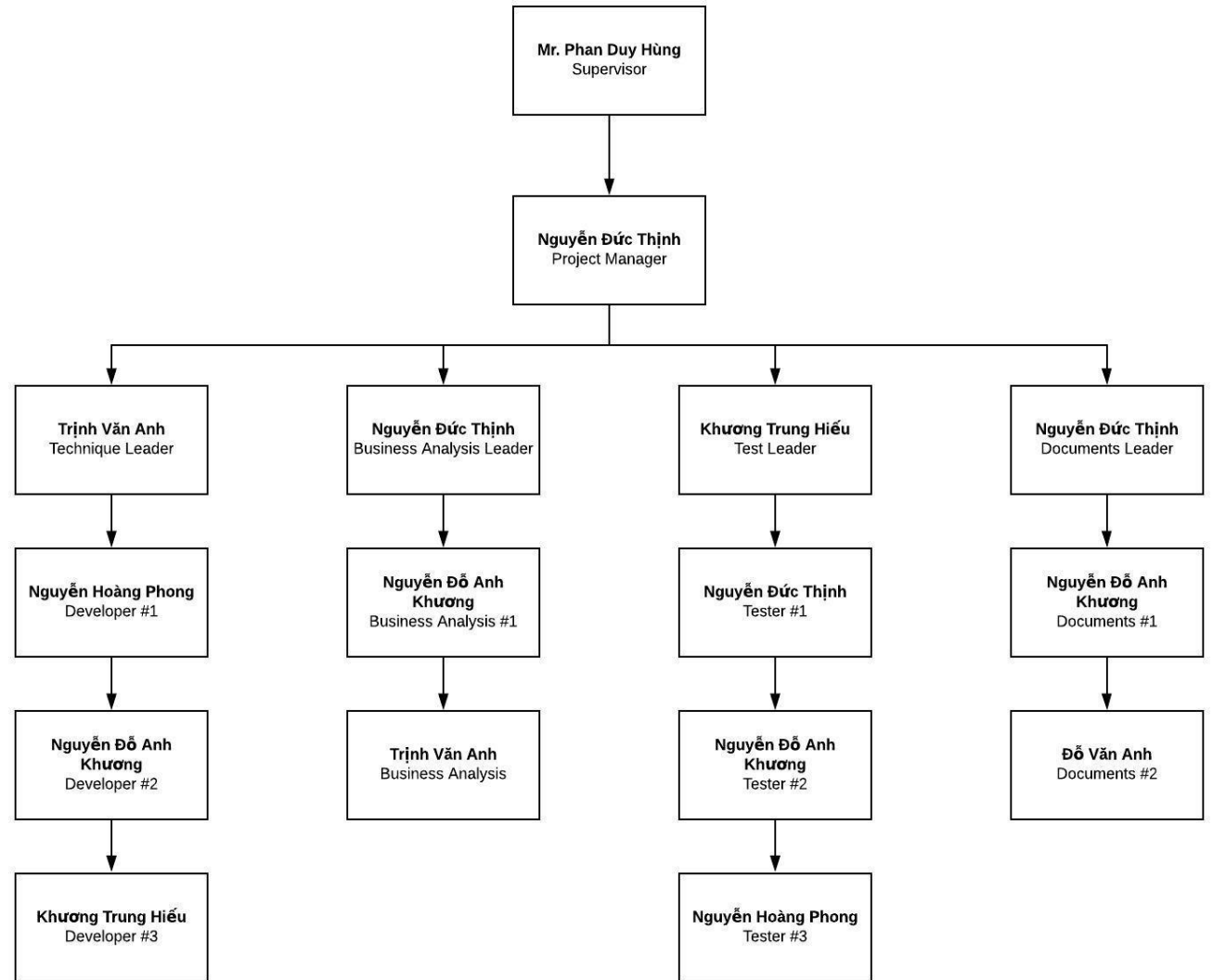


Số lượng thú cưng

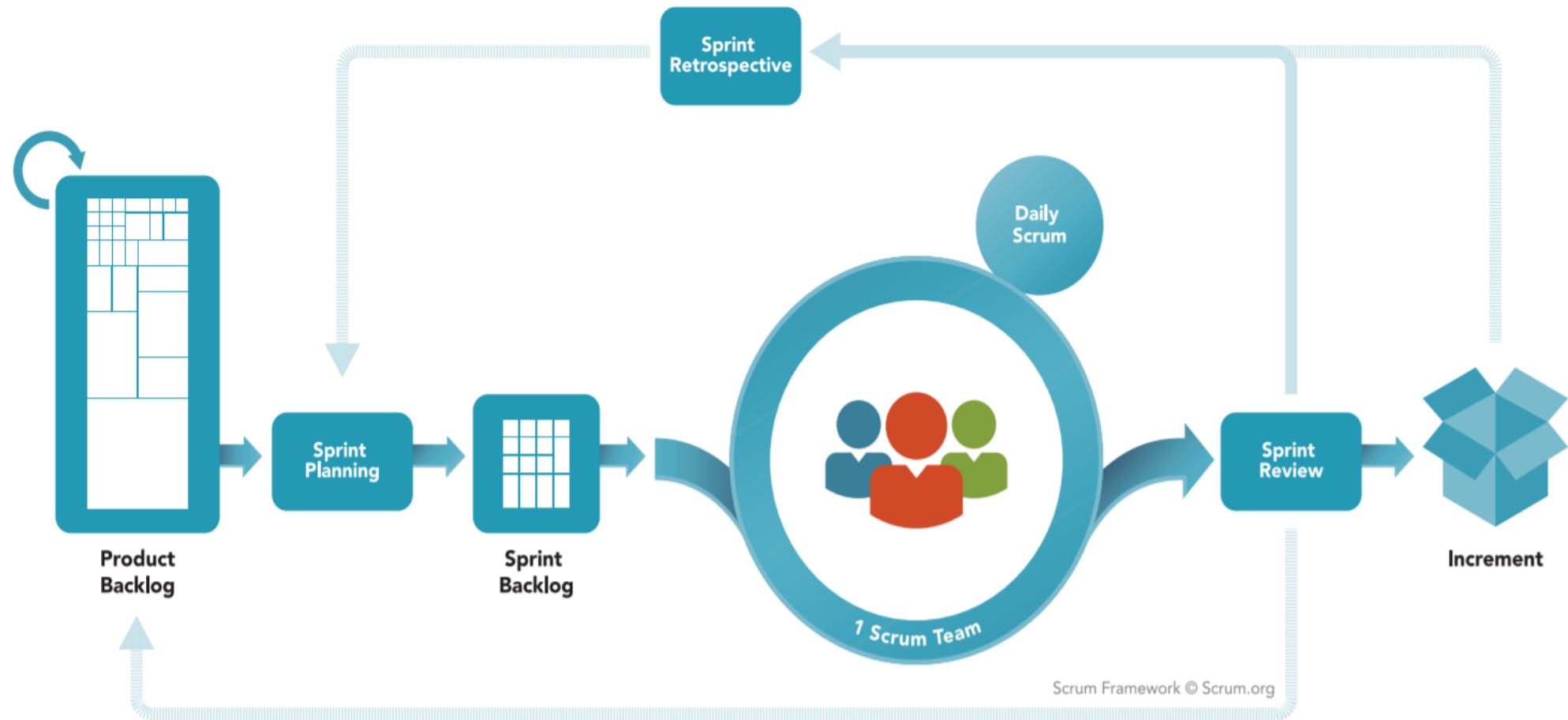
- 1 - 2
- Từ 3 trở lên

II. Project Management

Role & Responsibilities



Software Process Model



Sprint

Sprint 1

01-07-2020 to 31-07-2020

Build main application function

Dating
Chatting

Sprint 2

31-07-2020 to 25-08-2020

Build other application function

Management User
Management Pet
Matching

Sprint 1

25-08-2020 to 08-09-2020

Build web management

Management account, breeds and feedback or report

Techniques



Tools

Development



Storage



Document



Testing




Communication



Project Management Plan

Communication Management

Working time

 1-2h/day

Daily meeting

Online

Weekly Meeting

 Monday

Weekly working

Daily



Risk Management

*Risk identification

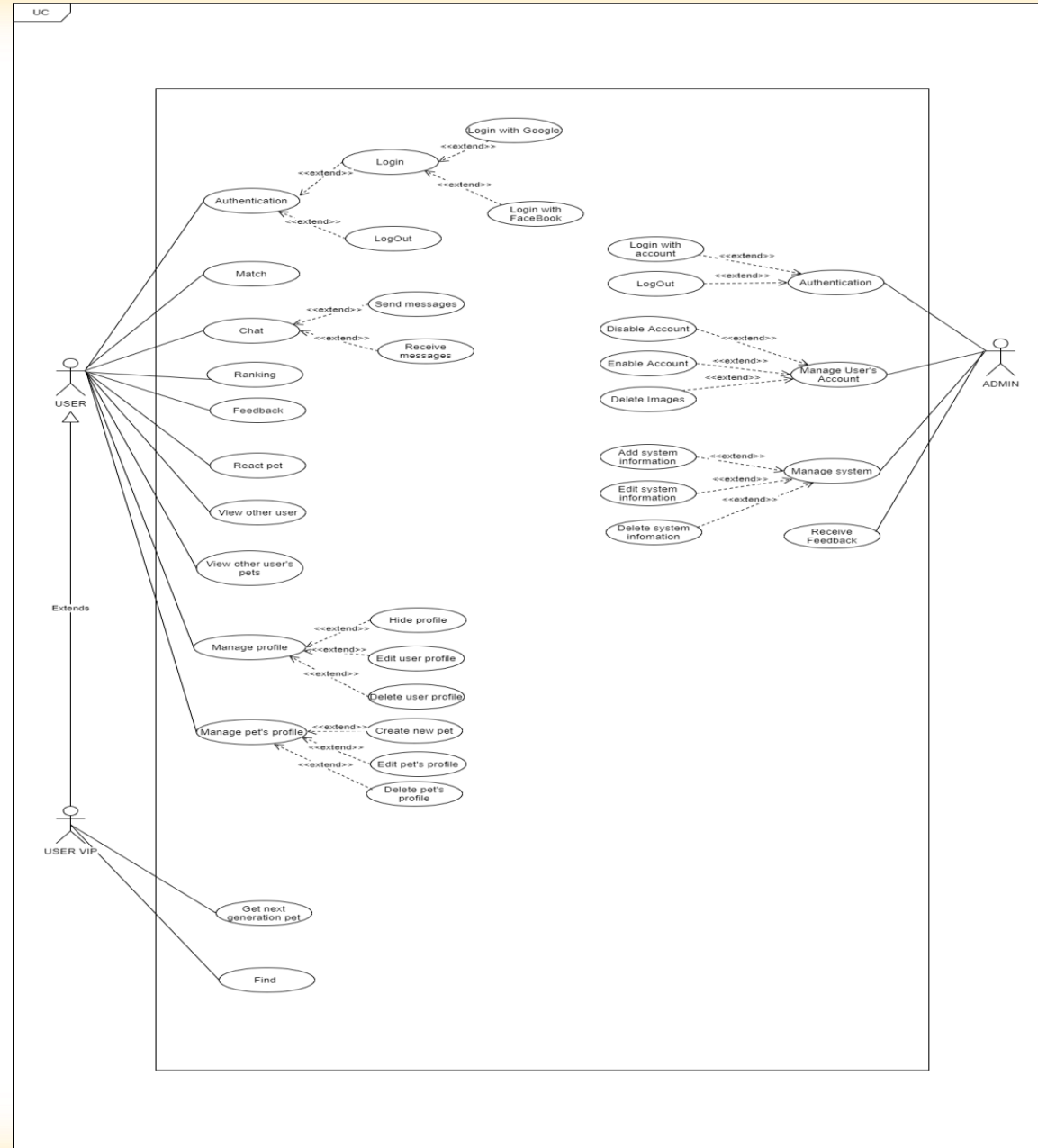
No	Risk description	Contingency/Mitigation plan	Probability	Impact
1	Scope of project was defined poorly that cause ambiguous for team members	Meeting with BA expert	Medium	High
2	Requirements changes during project time	Meeting and redefine objective with each team member.	Medium	High
3	Failure in estimating sprint time, inadequate change	Doing overnight work to keep process continuing	High	Medium
4	Confliction among team members	- Transfer problems to whole team to resolve it. - Create happy and friendly environment among team members.	Low	Medium
5	Library or third-party features used in project is no longer supported	Choose alternative library or coding from scratch	Low	High
6	Illness or absence of team members	Ensure that the absence of a member will not affect the plan and schedule. Always have plans to deal with this problem	Low	Low

*Probability – Impact matrix

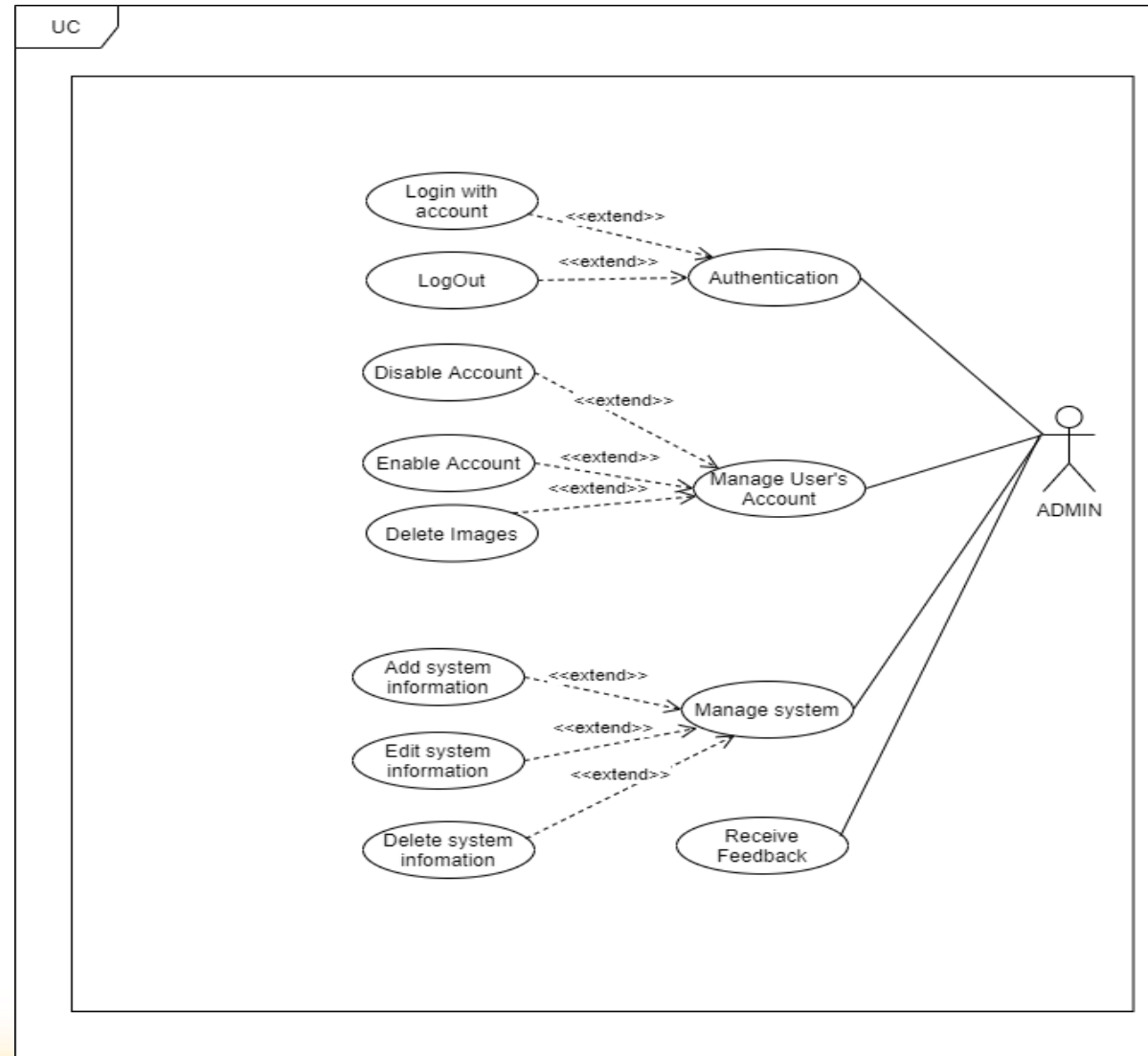
Probability	High		R3	
	Medium			R1, R2
	Low	R6	R4	R5
		Low	Medium	High
Impact				

III. Software Requirement

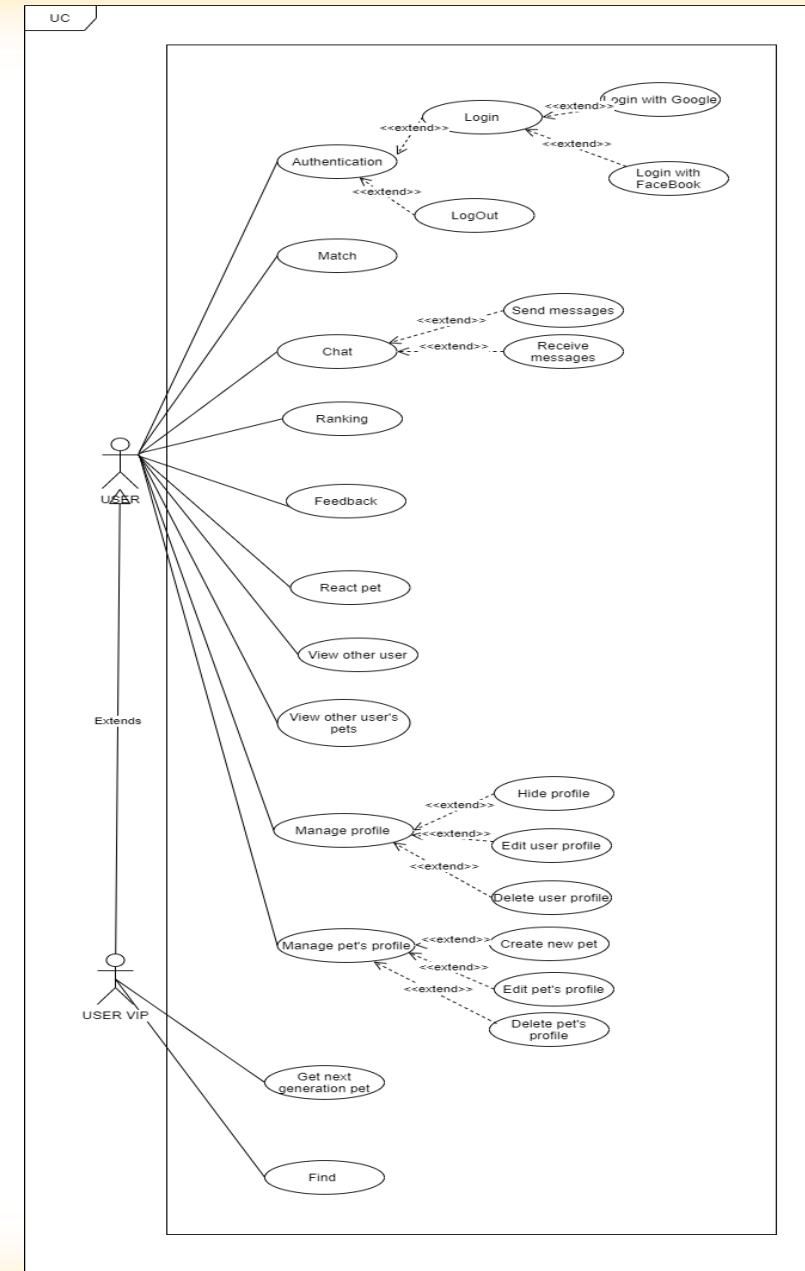
Use Case



Use Case Diagram - Admin



Use Case Diagram - User



Non-functional Requirements



Usability



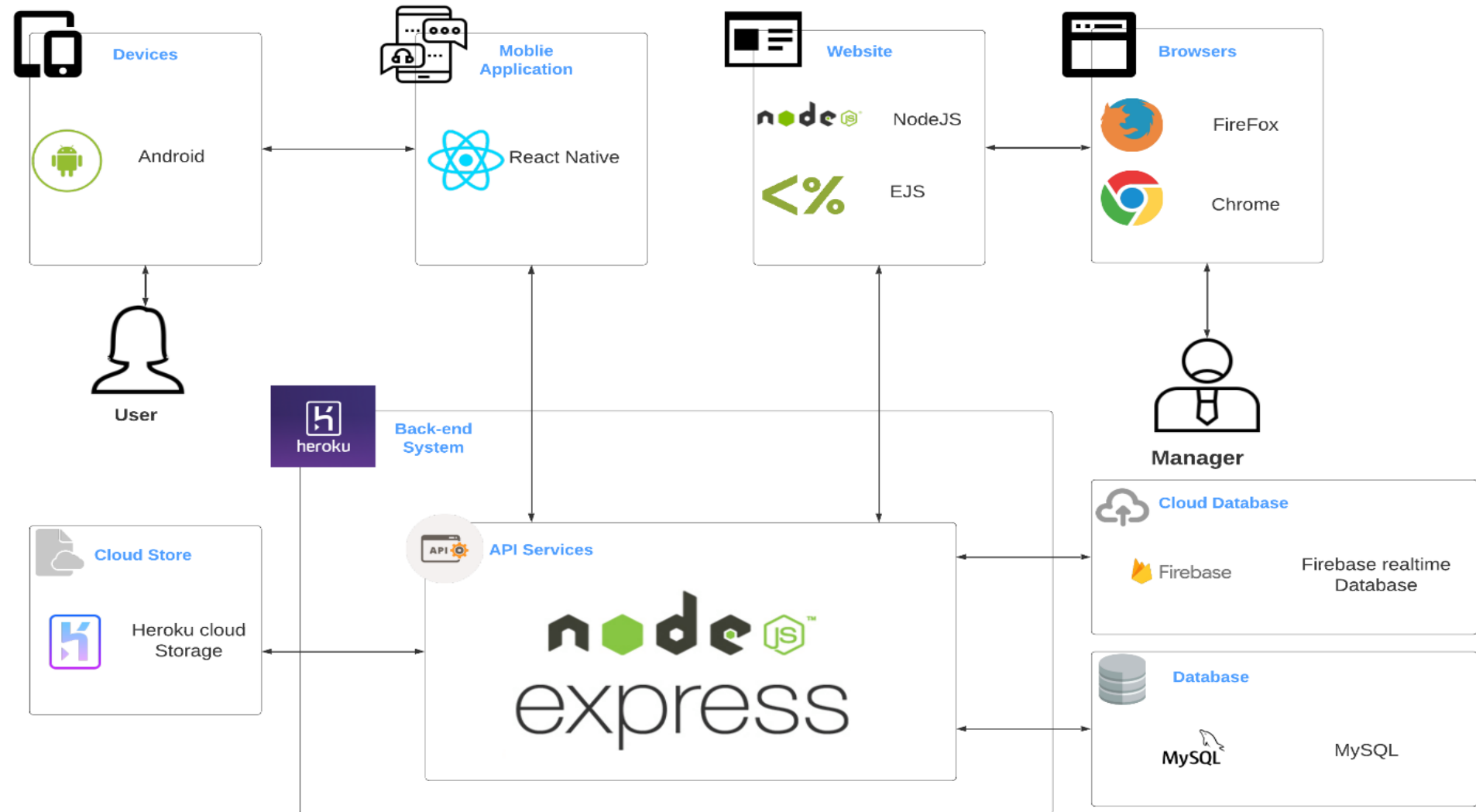
Availability



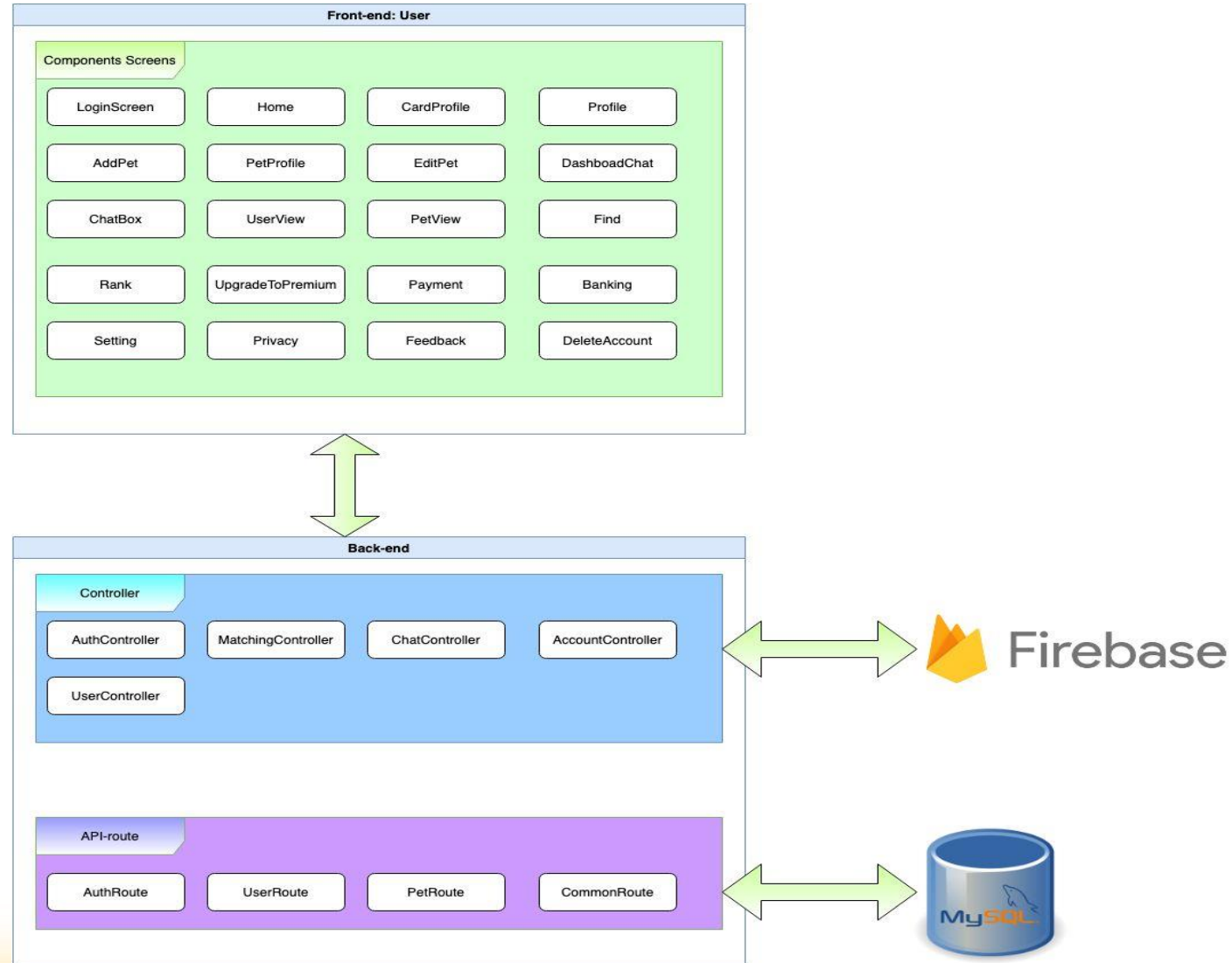
Security

IV. Software Design

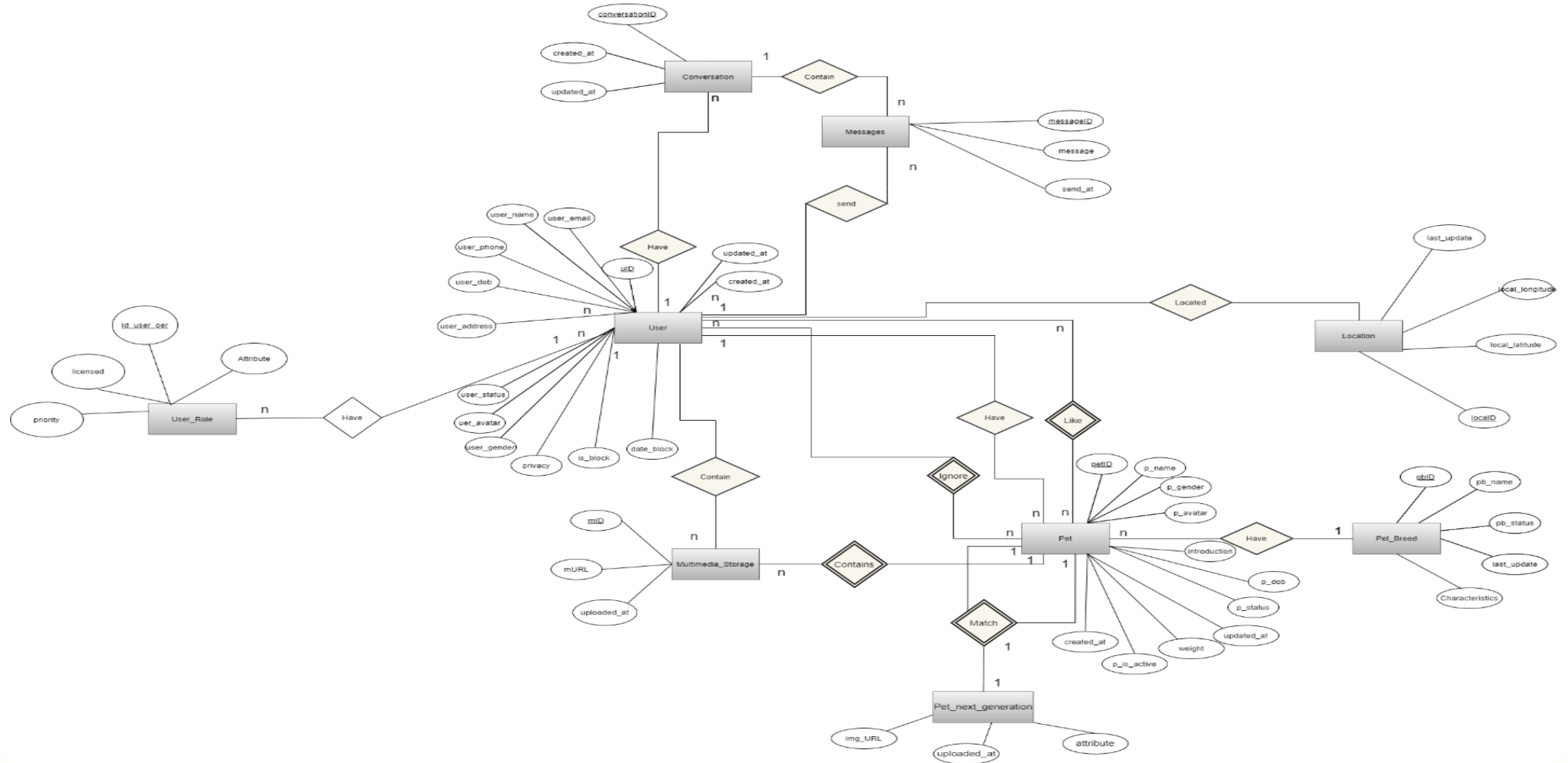
Overview of System Architecture



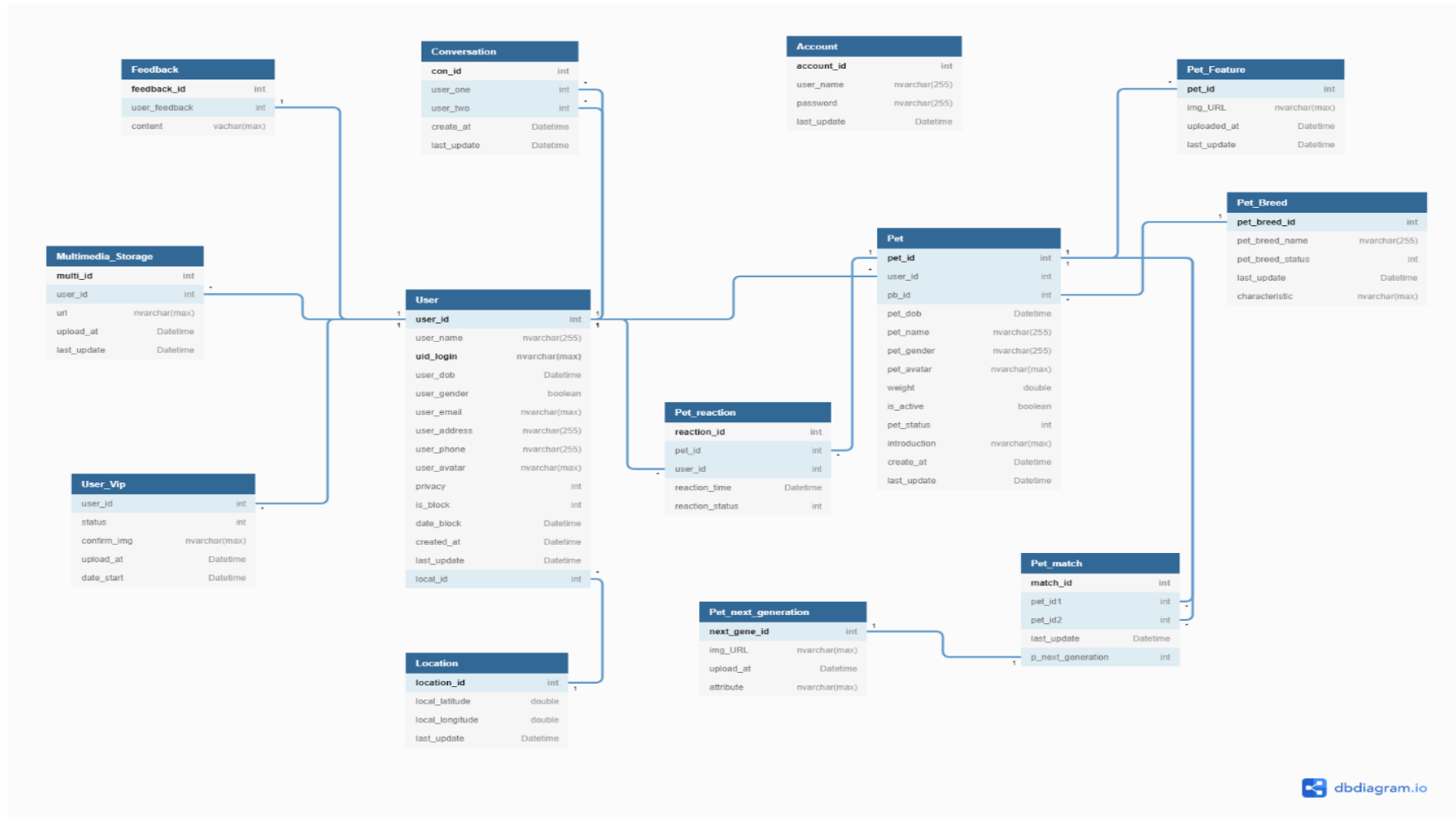
Custom MVC Design



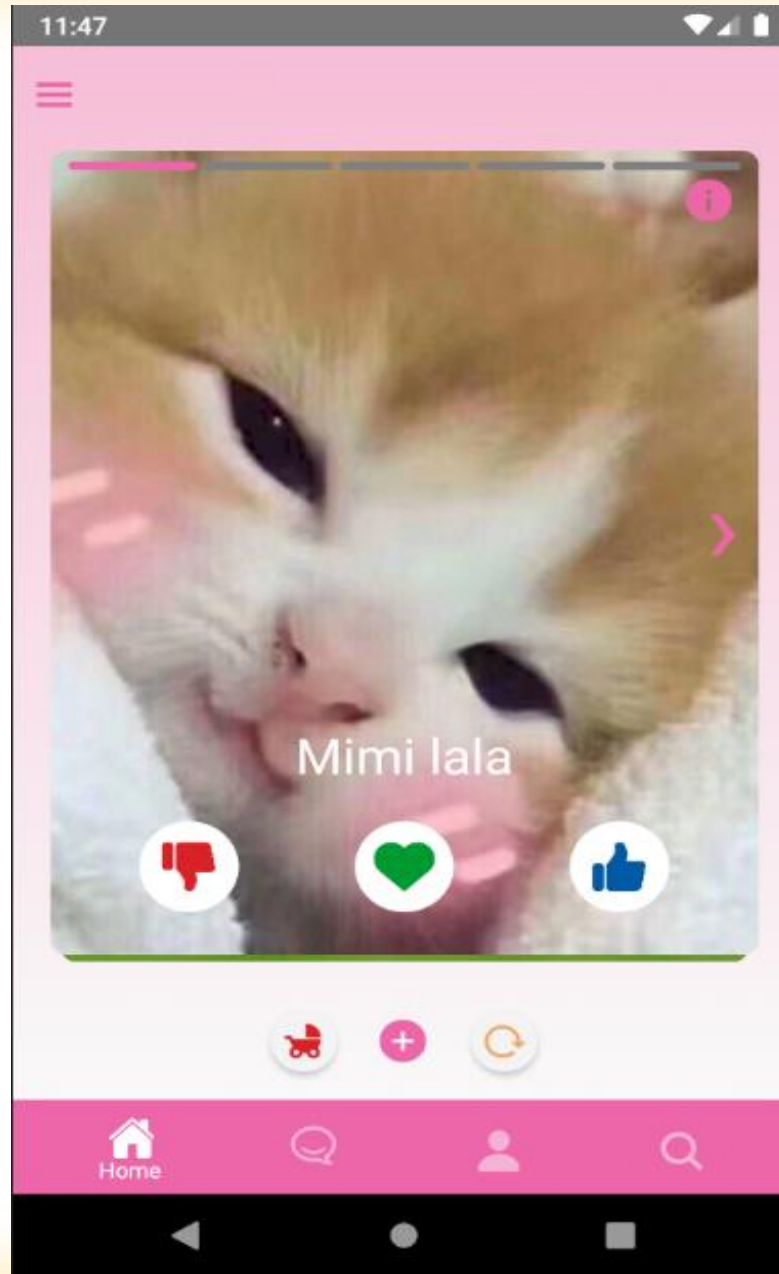
Entity Relationship Diagram



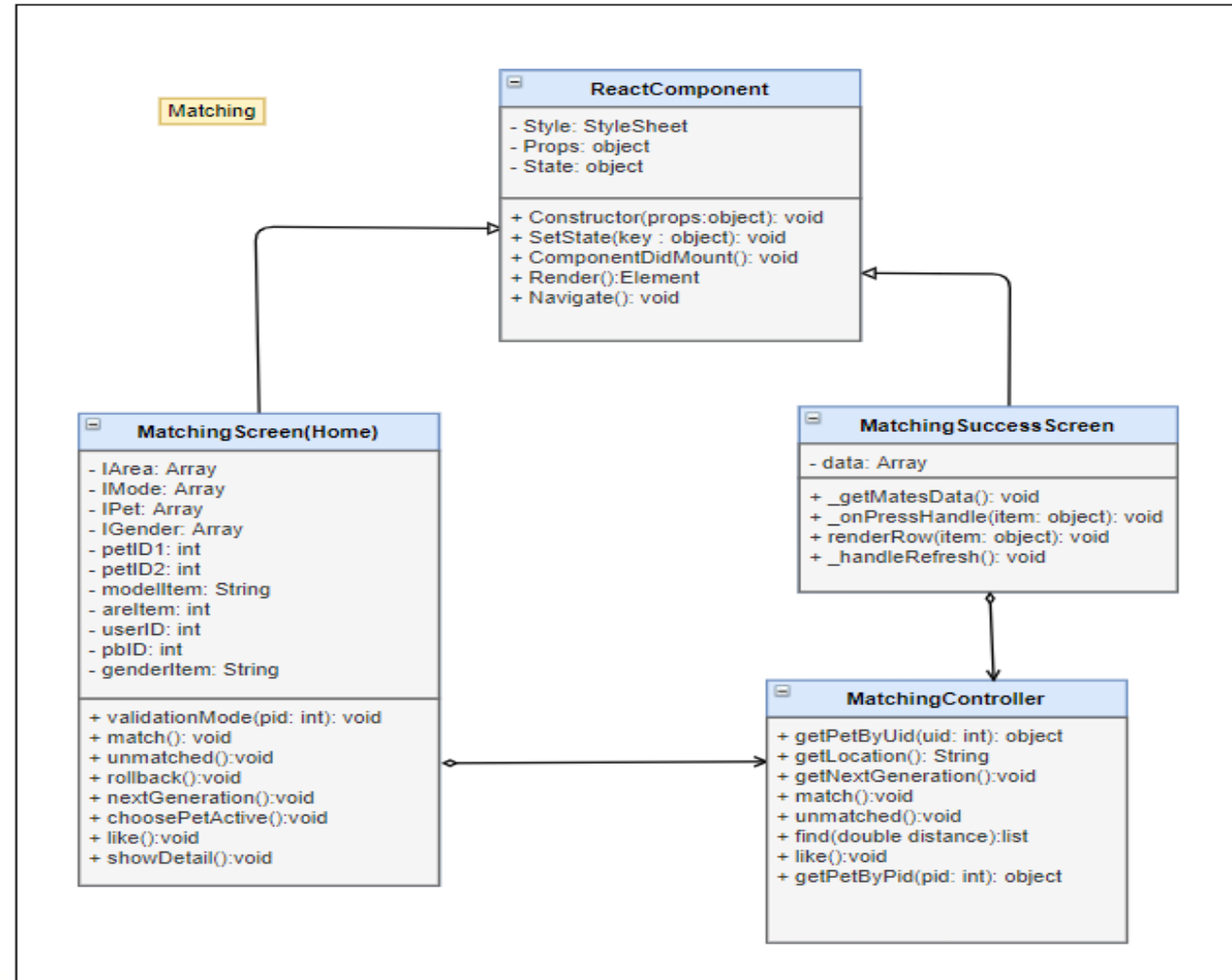
Database Design



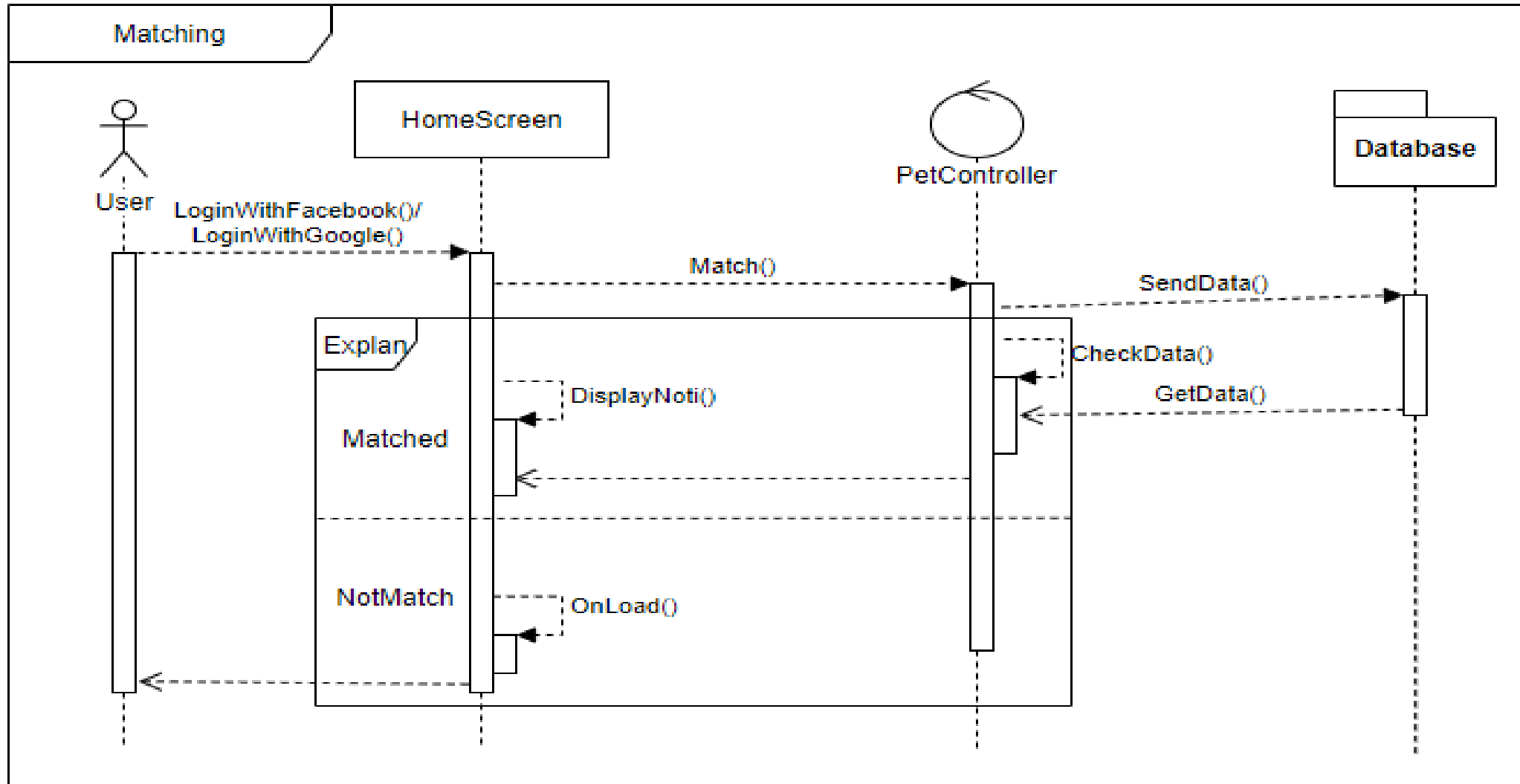
Matching



Matching class diagram



Matching Sequence diagram

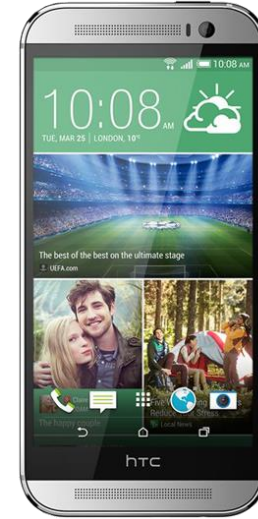


V. Software Testing

Test Environments

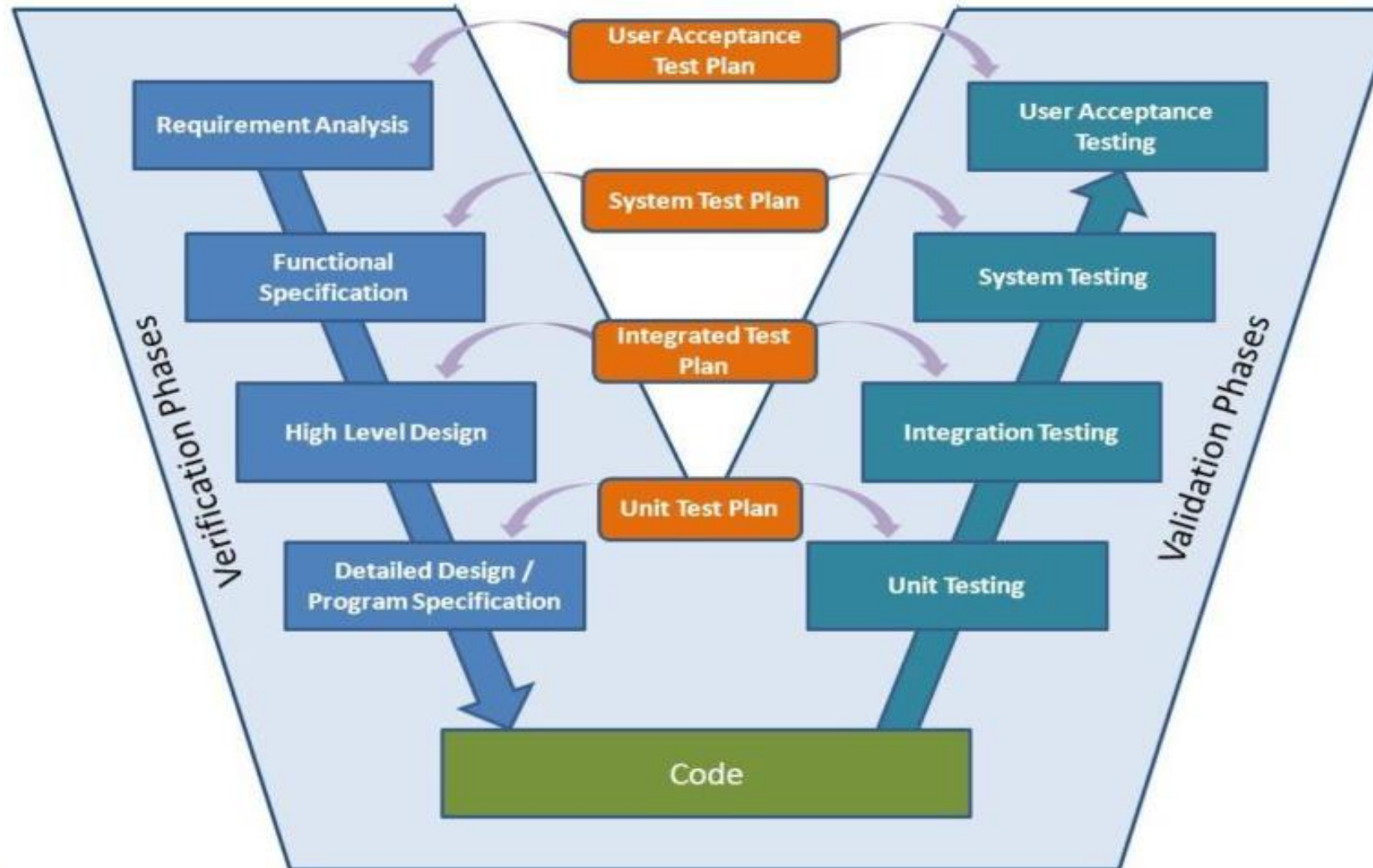


WINDOWS 10



Android 7.0

Test Model



Test Stage

Type of test	Stage of test			
	Unit test	Integration test	System test	Acceptance test
Unit tests	x	x	x	
API tests	x	x		
UI tests			x	x
Regression tests	x	x	x	x
Acceptance tests			x	x

Test Stage

```
PS E:\KLTN\Code\ReactNative\Capstone> npm test

> Capstone@0.0.1 test E:\KLTN\Code\ReactNative\Capstone
> jest

PASS  __tests__/PetController.test.js
PASS  __tests__/UserController.test.js (5.141s)

Test Suites: 2 passed, 2 total
Tests:       31 passed, 31 total
Snapshots:   0 total
Time:        7.275s, estimated 8s
Ran all test suites.
```


System Test

Number test cases : 315

Pass : 315

Fail : 0

No	Module code	Pass	Fail	Untested	N/A	Number of test cases
1	PD_Login screen	7	0	0	0	7
2	PD_Home screen	34	0	0	0	34
3	PD_Drawer screen	11	0	0	0	11
4	PD_Dashboard screen	26	0	0	0	26
5	PD_Profile screen	72	0	0	0	72
6	PD_Filter screen	9	0	0	0	9
7	PD_Settings screen	13	0	0	0	13
8	PD_Ranking screen	6	0	0	0	6
9	PD_Admin screen	89	0	0	0	89
10	PD_API	38	0	0	0	38
11	PD_Premium screen	10	0	0	0	10
Sub total		315	0	0	0	315

Test coverage

100.00 %

Test successful coverage

100.00 %

Acceptance Test

No	Checklist	Yes	No
General			
1	Text does not have grammatical and spelling errors.	√	
2	All buttons are functional.	√	
3	All mandatory fields are validated and indicated by asterisk (*) symbol.	√	
4	All error messages are displayed using red color.	√	
5	All "Delete" functions ask for confirmation.	√	
GUI and usability			
6	Screen design follows the standard of the project.	√	
7	Waiting icon appear for waiting display data.	√	
8	Color red is used for all error messages.	√	
9	Project state is displayed and colored with appropriate state	√	
10	Design style is friendly and easy to use	√	
11	The text easy to understand. Don't use slang, acronyms, and abbreviations.	√	
12	The static text is clear, concise, and meaningful.	√	
13	The screen designed to fit with multiple screen size.	√	

Defect Log

PetDating ☆ Thêm vào nhóm Công khai HT (K F PH +1 Mời Lịch Butler (5 Tips) ... Hiện Menu

ToDo ...

- isTyping... firebase
- Ranking for most likes people
- + Thêm thẻ khác

Process ...

- Edit style for Match page
- Notification for other people
- + Thêm thẻ khác

Done ...

- 6 tháng 8 1 PH
- Chat lay out 8 tháng 8
- Bug update profile 10 tháng 8 PH
- Bug match pet 11 tháng 8 PH
- + Thêm thẻ khác

+ Thêm danh sách khác

VI. Demo & QA



THANKS & BEST
REGARDS!

