

Faculty of Computing & Information Technology



Title: Second Deliverable for the project: **PetX**

Subject: Object-Oriented Analysis and Design

Instructor: Madam Amna Mirza

Session: BSSE Fall 2019 Morning

Group Members:

Serial Number	Student Name	Registration Number
1	Hassan Ahmad Sarfraz	BSEF19M033
2	Ata UI Mohsin	BSEF19M031

Date of submission: Dec 19, 2021

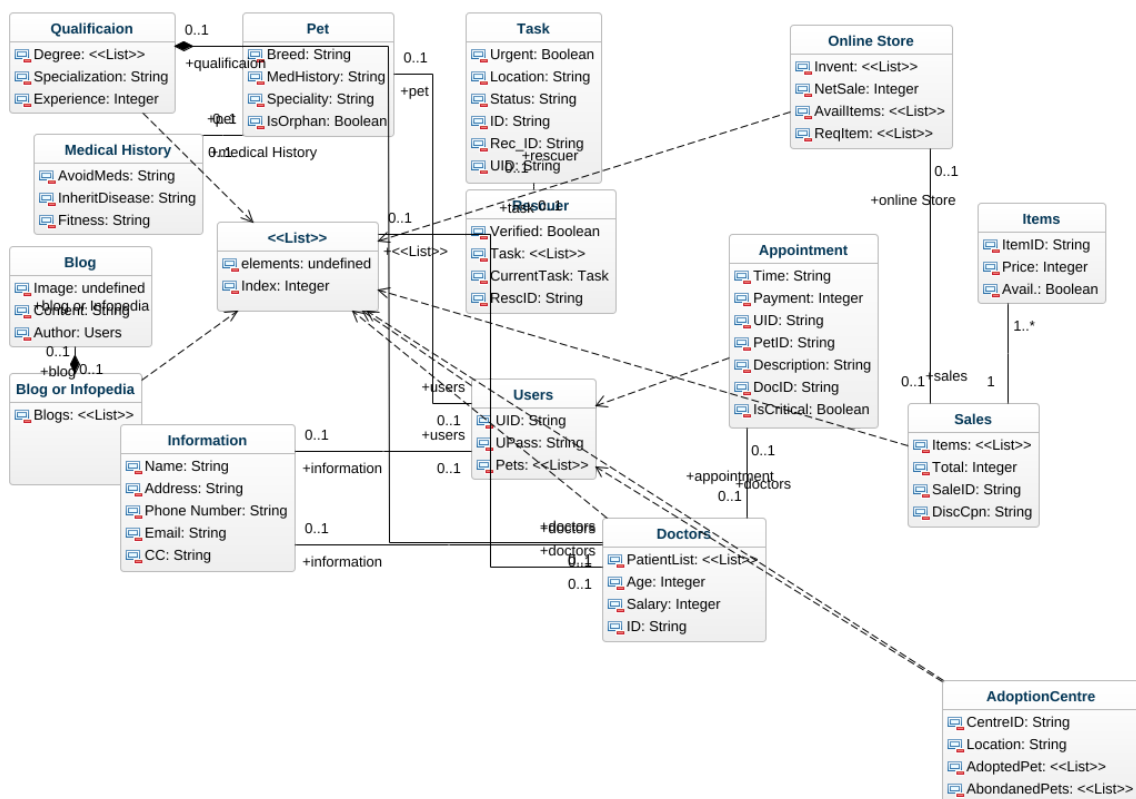
Architecture

Model-View-Control Architecture will be used here for the development of the system. The reason for selecting MVC architecture is that it is an easy and commonly used architecture for application development. Also, there is no such requirement in our system that requires us to switch to another architecture. A brief overview of the architecture depicting different things is given below.

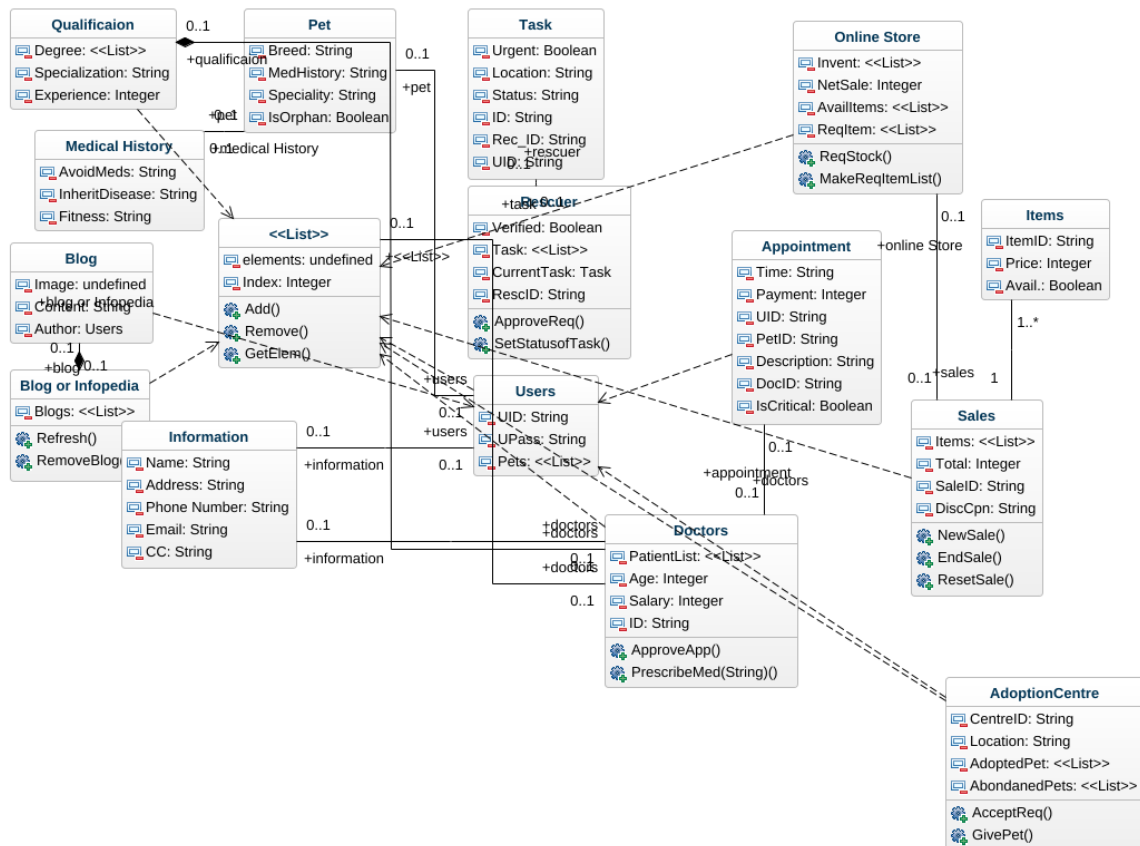
Model	View	Control
Data Logic	User Interfaces	Updates both Model and View
Backend of the System	Prototypes	
DataBase	Displays different types of views	

Domain Model

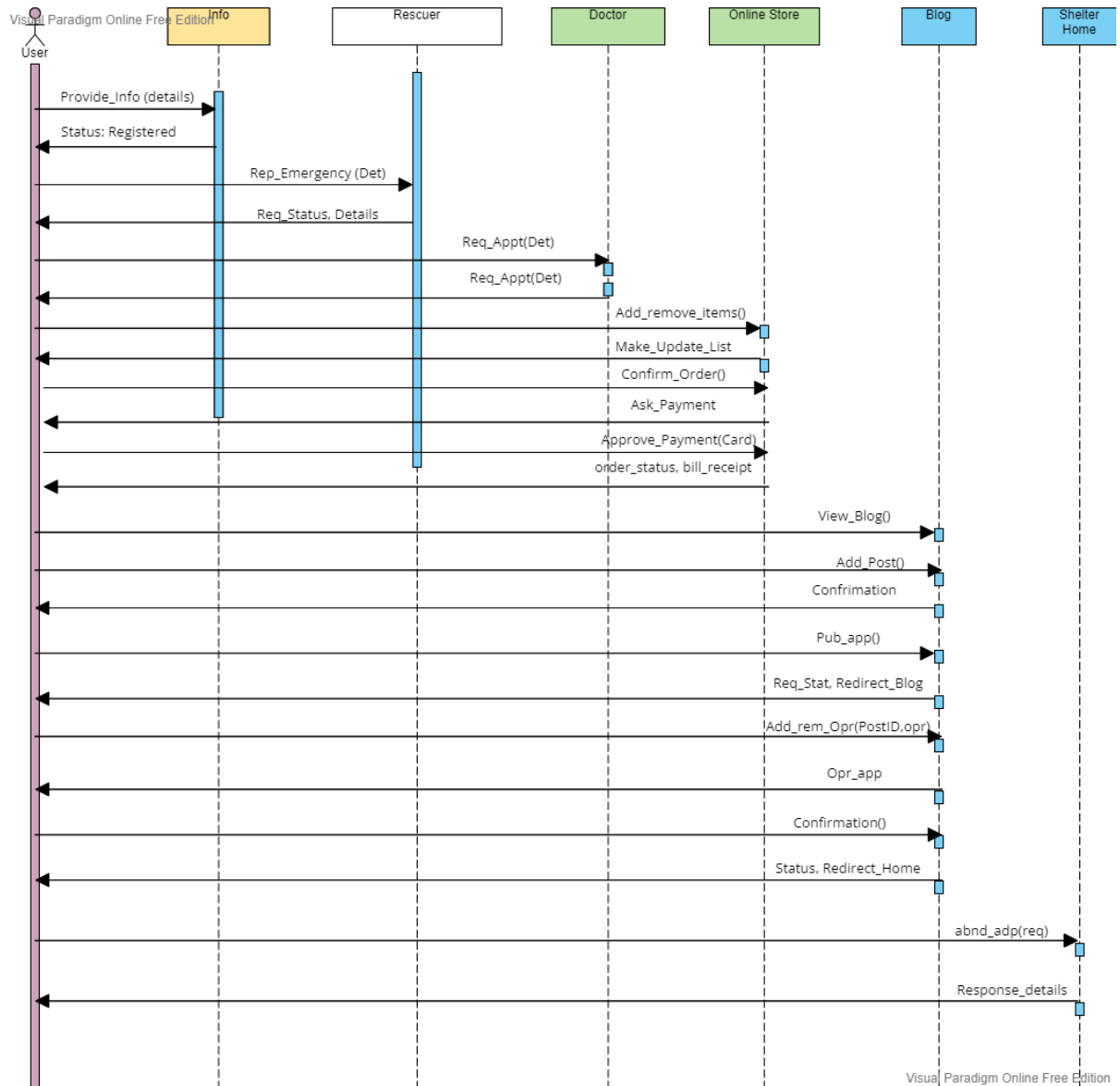
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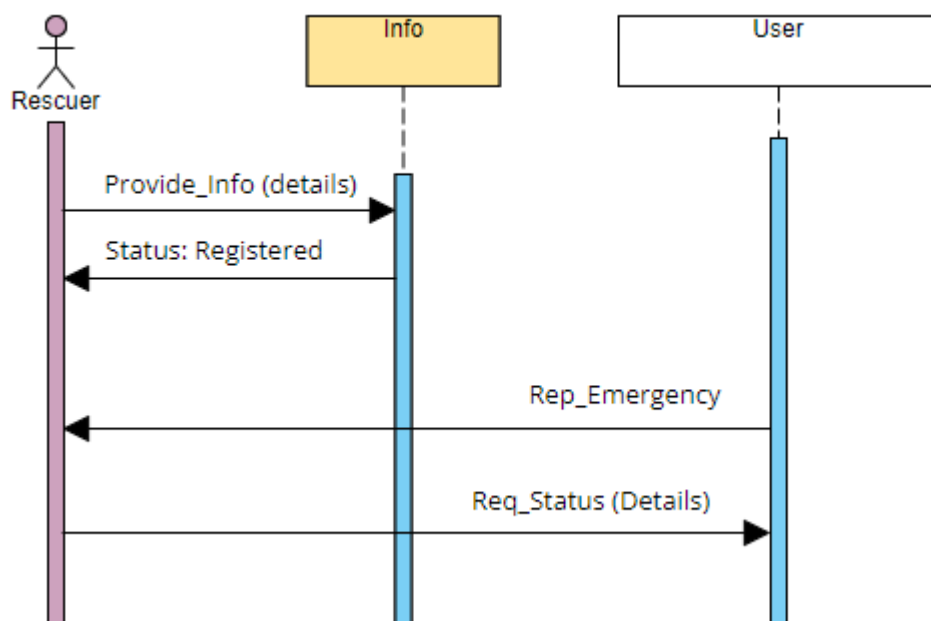
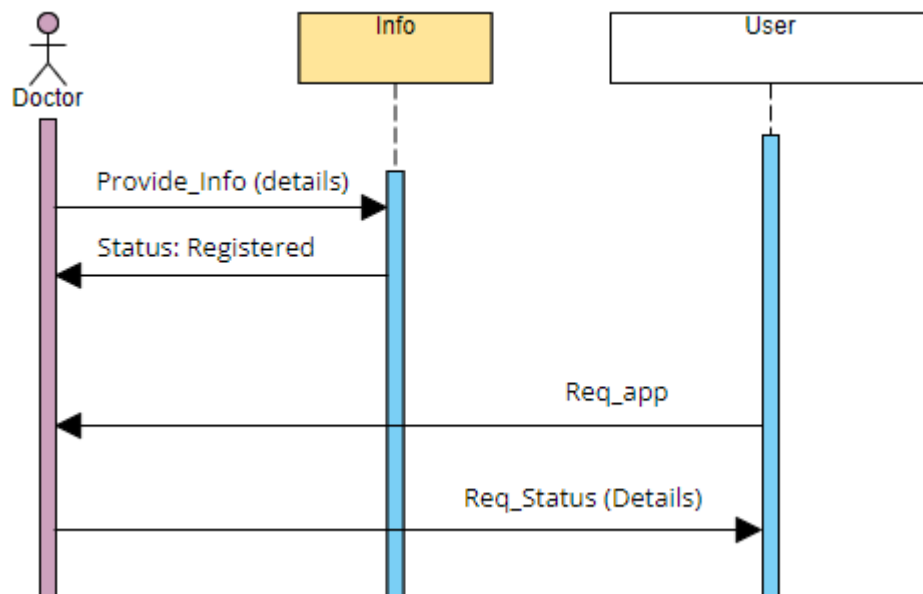


Design Class Diagram

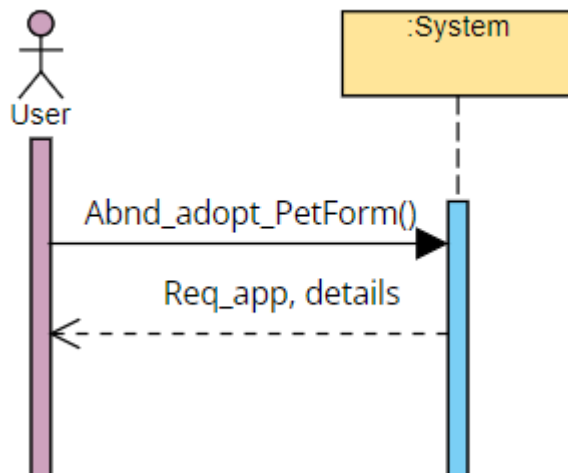
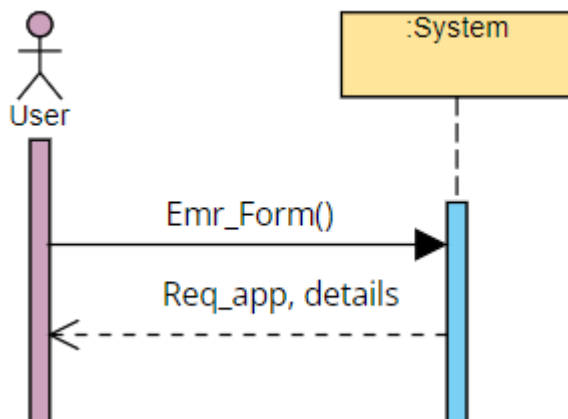


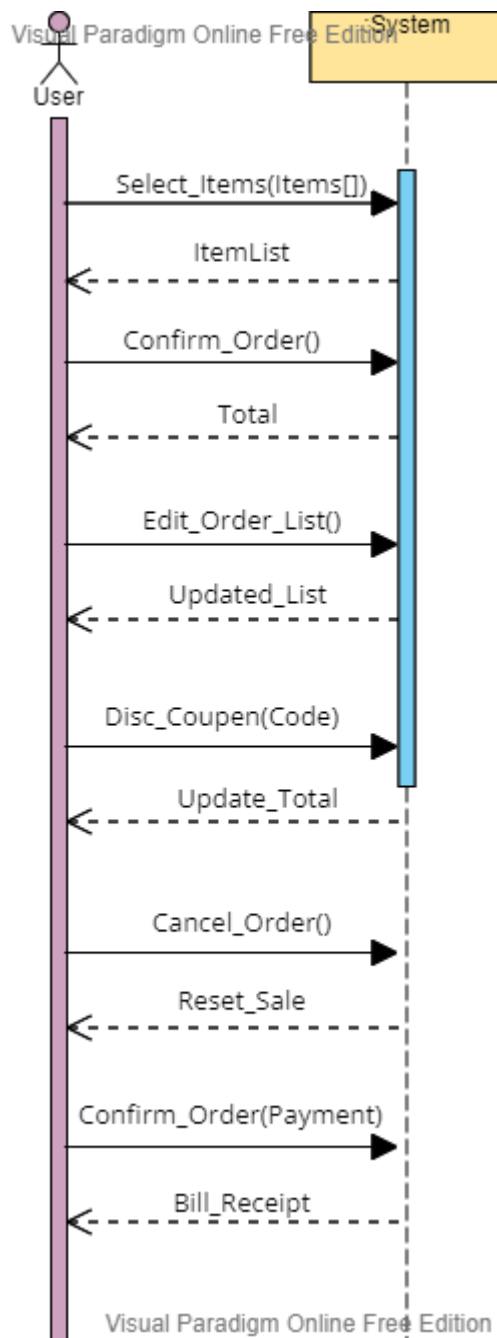
Sequence Diagram



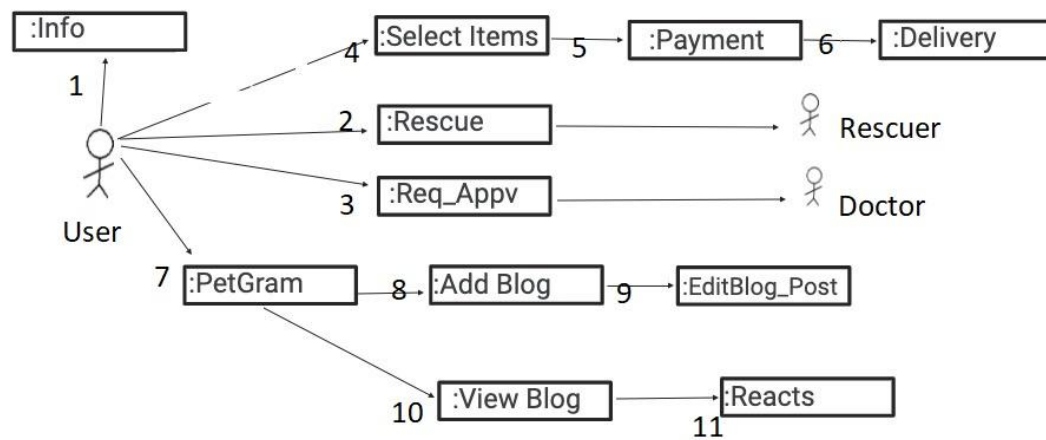


System Sequence Diagrams





Collaboration Diagram



Use cases Context

Prototypes

Welcome - Sign In

Sign In Sign Up

SOS

Username

Enter Username here

Password

Enter Password here

Sign In

Having Troubles?

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Welcome -Sign Up

Sign In **Sign Up**

SOS

Email

Enter your email here

Password

Enter Password here

Username

Choose any username

Create Account

Having Troubles?
Live chat with us

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Welcome -Guest

Report Emergency

SOS

Title

Enter title here

Phone Number

Enter contact number

Location

Enter or choose location

Report

Write description here

Having Troubles?
Let us Know

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PetX - Dashboard

Mohsin



Pet Store

Buy all commodities
for your Pet in one place

Shelter Home

Adopt a pet or
abandon a pet

Vet Doctor

Get your pet checked
up from our Doctor

Pet's Community

Discuss things with
Other Pet Owners

SOS



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PetX - Store

Mohsin

Energy Drink of Size XYZ

—

1

+

Sugar of Size XYZ

—

1

+

Gallon of XYZ thing

—

2

+

Sugar of Size XYZ

—

1

+

Energy Drink of Size XYZ

—

1

+

SOS

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PetX - Store

Mohsin

←

PAYMENT

— \$423.00

January 27, 2021 - 3:45 PM

Lahore, XYZ Street, Pakistan

LA 95673

Sugar

\$400.00

Subtotal

\$400.00

Sales Tax (7.5%)

\$20.00

Tip

\$3.00

SOS

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Payment

Choose payment method below



Billing Info

FULL NAME

John Doe

ADDRESS

497 Evergreen Rd.

CITY

Roseville

ZIP CODE

95673

COUNTRY

United States

Credit Card Info

CARD NUMBER

1234 5678 3456 2456

VISA

CARDHOLDER NAME

John Doe

EXPIRE DATE

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CVV

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Payment Successful!

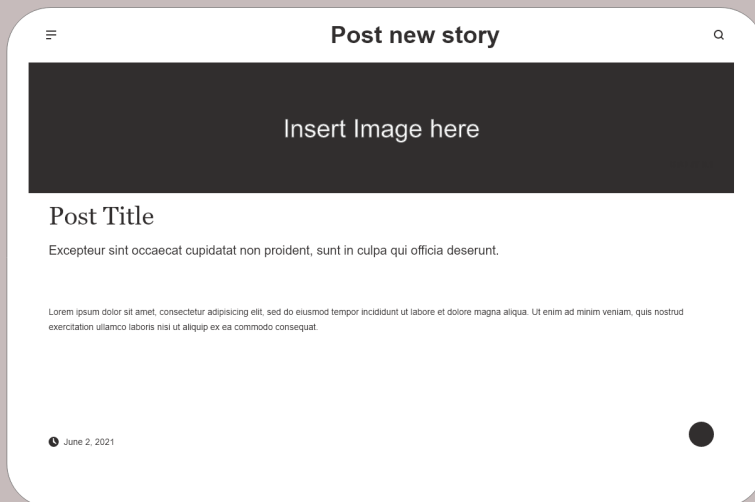
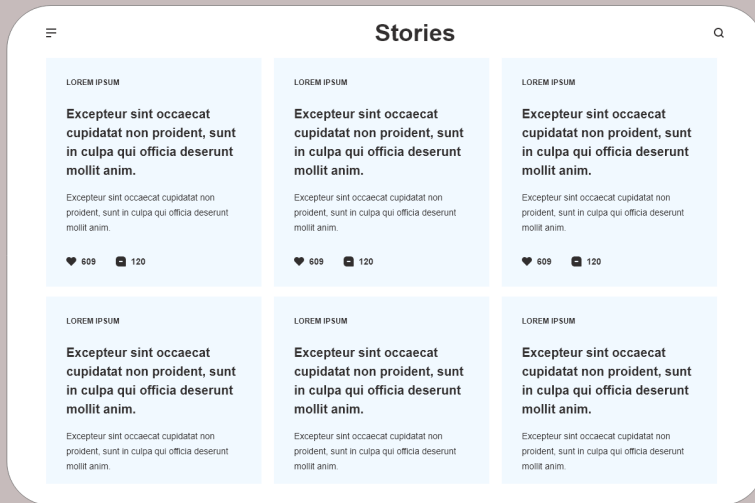
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List of Doctors

Trainers



Specialists



SOS

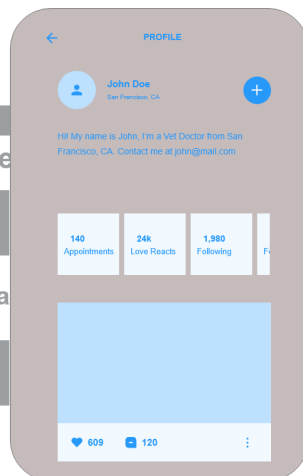
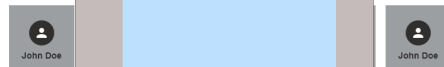


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Trainers



Specialists



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amazon

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amazon

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Payment Successful!

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Roseville

COUNTRY

United States


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Request for pet abundance



Pet Name Input pet Details here	Reason for abundance Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut
Speciality Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut	Breed Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut



Submit

SOS



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List of Pets available for adoption

- 

Excepleur sint
Excepleur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt
 609  120
- 

Excepleur sint occaecat.
Excepleur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt
 609  120
- 

Excepleur sint occaecat.
Excepleur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt
 609  120

See More

SOS

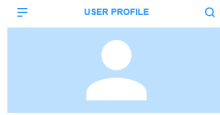
Or Request for donation



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PetX - User Profile

Mohsin 



John Doe
San Francisco, CA

SKILLS

web illustration graphics ui
interface article

FULL NAME	John Doe
EMAIL	*****
PASSWORD	09/09/1987
COUNTRY	United States
FULL NAME	John Doe
STATE	California
CITY	Roseville
CITY	Roseville

Update

SOS

Or Request
for donation

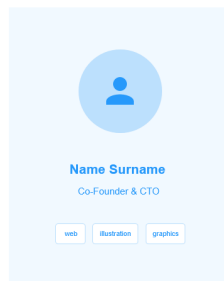
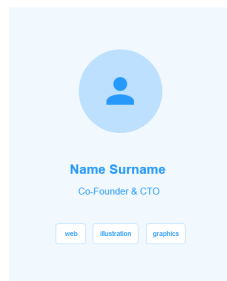


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PetX - Team

Mohsin 

Development Team



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