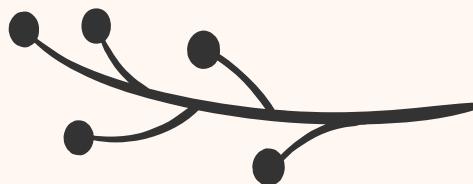




جامعة أم القرى
UMM AL-QURA UNIVERSITY

SOFTWARE ENGINEERING



JOYFUL PAWS





GROUP MEMBERS :



Names	ID	section number for practical	section number for theoretical	supervisor's name
Murooj Alzahrani	443008435	1	2	Dr. Afaf Almehmadi
Sarah Al-Oufi	443006431	1	3	Dr. Areej Alfraih
Manar Al-mashi	443008492	1	3	Dr. Areej Alfraih
Lamis Mohammed	443007788	1	4	Dr. Afaf Almehmadi
Wejdan Alshareef	441008079	1	4	Dr. Afaf Almehmadi



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CHAPTER 1

Requirement Specification phase

01

Presenting Project Proposal

■ Scope

■ System Specifications



Scope :

The name of the system : **JOYFUL PAWS**

System Specifications:

1- What is the software idea/application type?

The objectives of this software is to help pets owners in deferent ways, such as medical or hygiene care, and providing all the supplies that any pet might need. also any pet lover can adopt by checking the pictures and the pet's info included.

Software type: website

2- What are the user categories?

anyone who's interested in pets

3- What is the requirements specification ?

- 1- Sign up**
- 2- Sign in**
- 3- Adoption**
- 4- Medical services**
- 5- Pet spa**

- 6- Supplies shop**
- 7- Emergency care**
- 8- Volunteering**
- 9- Users experiences**

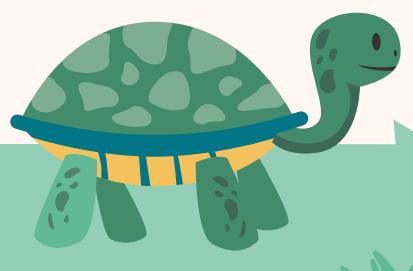
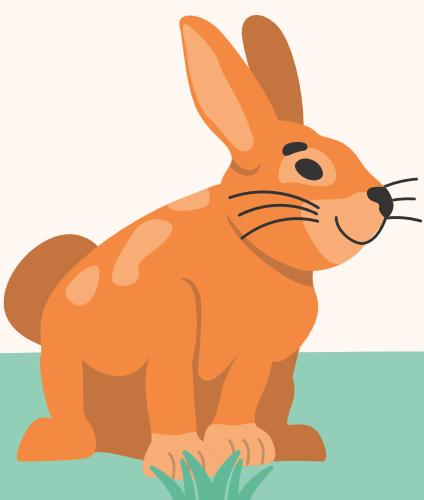




02

Analysis Stage

System requirements



Functional requirements

Sign up:

1- The user shall be able to create a new account.

1.1 The system shall be able to display sign up form to the user which contains set of fields : (First and last name , Email address (for login and contact purposes), Password, Password confirmation, Gender, Age)

1.2 the system shall be able to validate the entered data with these constraints: (The email must be unique and there is no other record in the database has the same values, The password should be at least 8 characters that contains letters in uppercase and lowercase and numbers Password must not contain symbols.)

-The user must fill in all mandatory information before sending the data. which is:(User name, Email, Password)

1.3 When all the data is filled in correctly, the account data will be stored in the database and the system will verify the account by sending a verification link to their email and his/her registration confirmation.



Functional requirements

Sign in :

2-The user shall be able to sign in his / her account

2.1 The system shall be able to display login form to the user which contain these fields: (email and password)

2.2 the system shall be able to check from the entered data with the database.

2.3 The system shall be able to check if the password matches the password of this email in the database.

-If not, the system will create an error message (incorrect password).

-If the user logged in successfully then the system will view his/her profile and his/her login confirmation



Functional requirements

Adoption :

3- Users shall be able to adopt browse and view available pets for adoption

3.1 The system shall be able to maintain a database of available pets for adoption, including their details, photos, and adoption status.

3.2 The system shall be able to provide a search and filtering functionality to help users find suitable pets based on criteria such as species, age, and location.

3.3 The system shall be able to allow users to initiate the adoption process by submitting adoption applications online or contacting the adoption agency directly through the system.

3.4 The system shall be able to accept the adoption application submitted by the user or reject it

Functional requirements

Medical services :

4- the user shall be able to schedule a medical service appointment

4.1 the system shall be able to show the user all medical services available.

4.2 the system shall allow the user to choose a service and fill an information form about the served pet.

4.3 the system shall use outer payment systems such as (apple pay , pay pal) to complete the appointment .

4.4 the system shall save the appointment in the data base and send a confirmation message.

Functional requirements

Pet spa :

5- The user shall be able to schedule an appointment for any of the available pet spa services.

5.1 The system shall be able to show a page that have all the spa services from the data base .

5.2 The system shall be able to ask the user to enter the pet (name, age, gender and the address must be share google map link If the user select the service , the time for the appointment).

5.3 The system shall be able to verification the time in the data base.

5.4 the system shall use outer payment systems such as (apple pay , pay pal) to complete the appointment .

5.5 the system shall save the appointment in the data base and send a confirmation massage.



Functional requirements

Supplies shop :

6 - The user shall be able to create an order from the pet supplies shop.

6.1 The system shall be able to show a page that have all the pet supplies

6.2 The system shall be able to allow the user to choose more than one product

6.3 The system shall be able to verification all the information

6.4 The system shall use outer payment systems such as (apple pay , pay pal) to complete the appointment

6.5 The system shall save the order in the data base and send a confirmation massage

Functional requirements

Emergency care :

7- Users shall be able to request emergency care for their pets.

7.1 The system shall be able to request (user's address, user's number, pet type, pet status, pet photos, and when the animal was last seen).

7.2 The system shall be able to check the filling of all information.

7.3 The system shall be able to check the validity of the mobile number, user address and extension of the images be jpg, jpeg, png.

7.4 The system shall be able to save the request in the emergency care record in the database.

7.5 The system shall be able to provide real-time alerts for emergency requests.

7.6 The system shall be able to send an emergency care request arrival confirmation message to the user's number or page.



Functional requirements

Volunteering :

8- The user shall be able to express interest in volunteering

8.1 The system shall display a registration form to save volunteers information in the data base.

8.2 The system shall display the terms and conditions for volunteering.

8.3 The system shall display volunteering opportunities and allow the user to choose and register in it



Functional requirements

Users experiences :

9- The user shall be able to express their experiences

9.1 The system shall display a form for the user to write their opinions about their experiences.

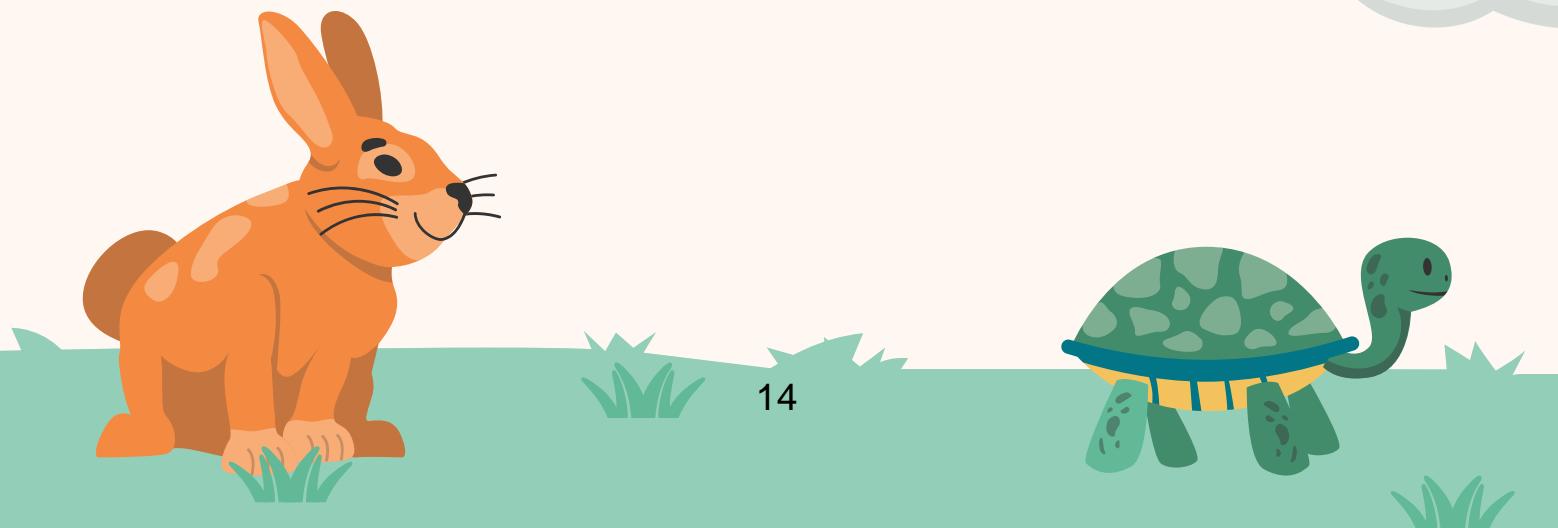
9.2 The system shall be able to store all customers reviews in the customer experiences table





03

Non-functional requirements



Non-Functional requirements

01

Usability: The user error rate should **be kept below 5%**, indicating a highly usable interface. .

02

Efficiency : The website should aim for fast response times, with page loading and user interactions completing **within 500 milliseconds or less**. This ensures a highly responsive and efficient user experience.

03

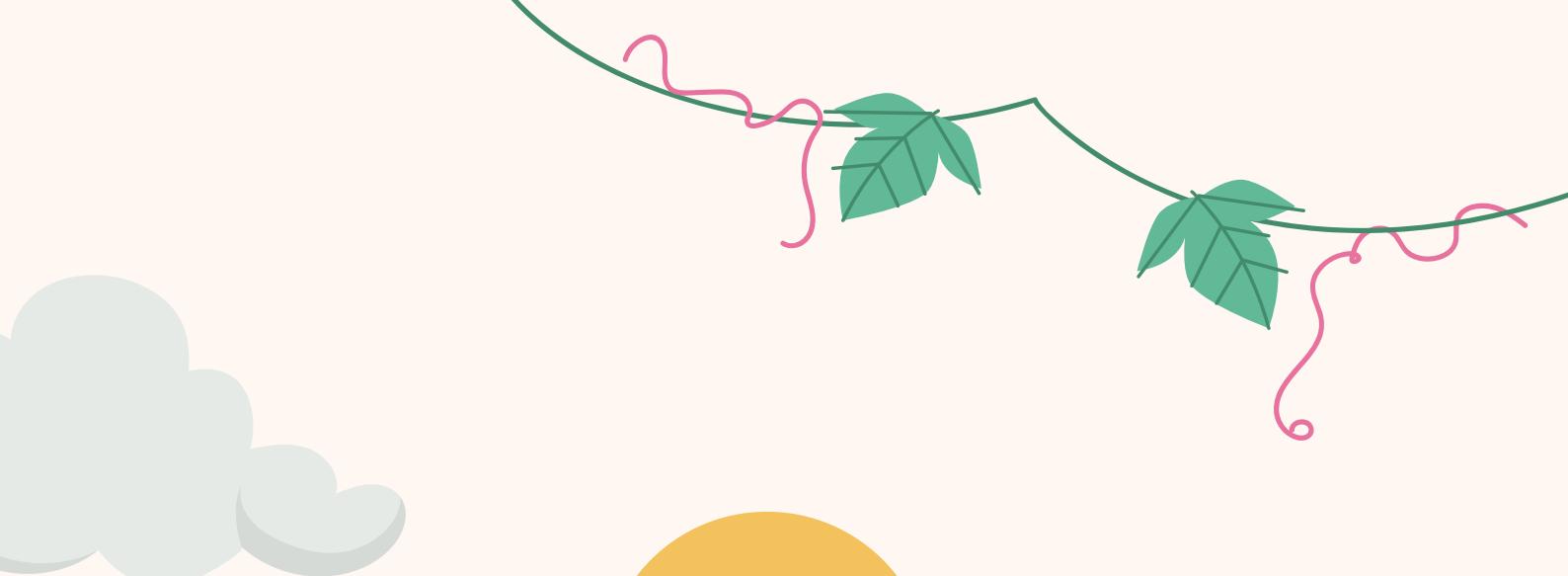
Security: The website should employ appropriate security measures to protect user data and it should Aim to score high on security assessments, such as penetration testing, and strive to achieve **a score of at least 90% or higher in security assessments**

04

Dependability: The website should have minimal downtime and should be available to users 24/7 and In the event of a failure or disaster, the system, network, or application must be restored **within 20 to 100 minutes**, which is the maximum allowable downtime.

05

Scalability: It should be able to handle **at least a 100% increase in pets**, ensuring that it can handle increased traffic and data storage requirements without compromising performance or user experience.



04

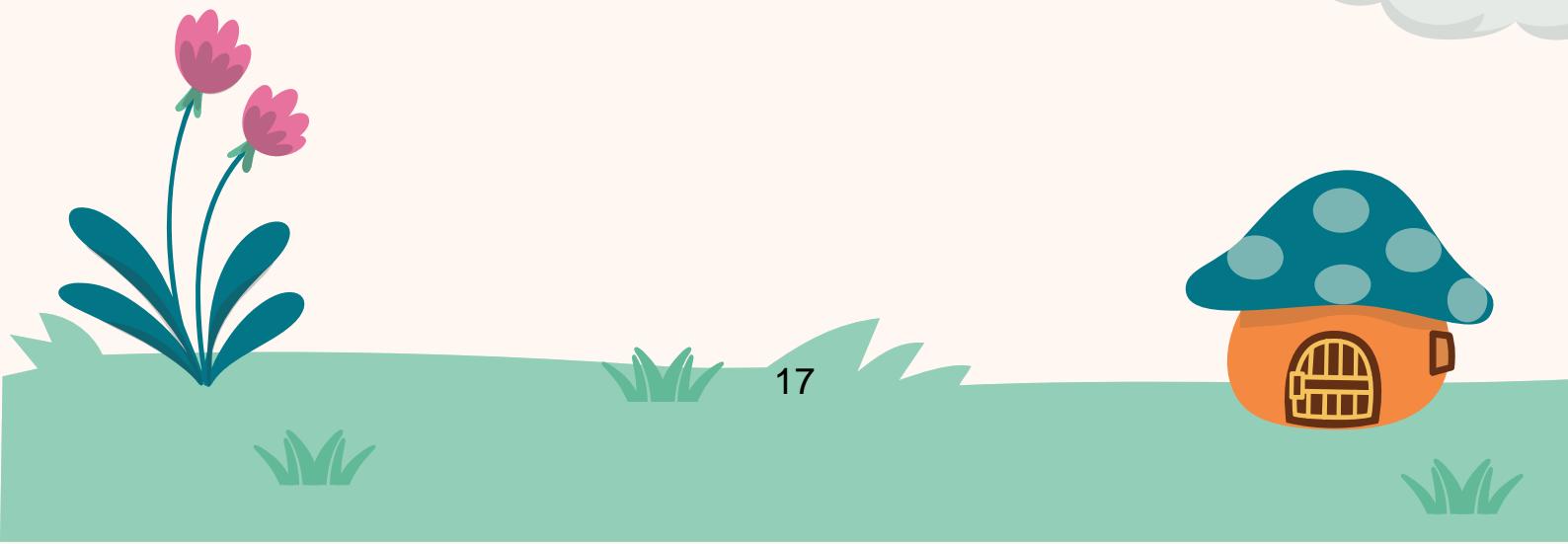
System models

- Draw Use Case Diagram and write Scenarios
 - Draw DFD – all levels (context, level 1, child)
 - Draw Use Case Diagram and write Scenarios
- 

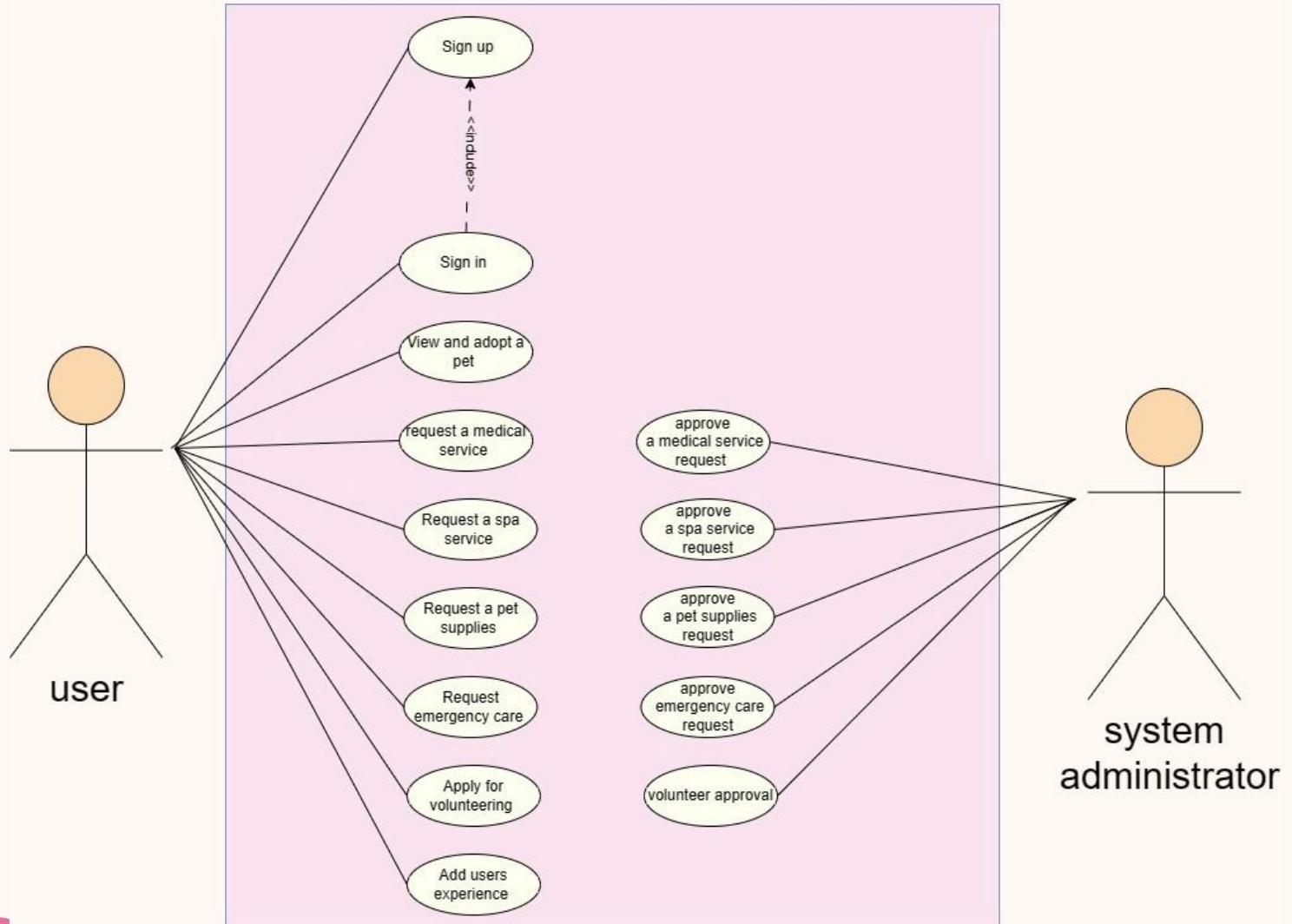


1

Use case diagram

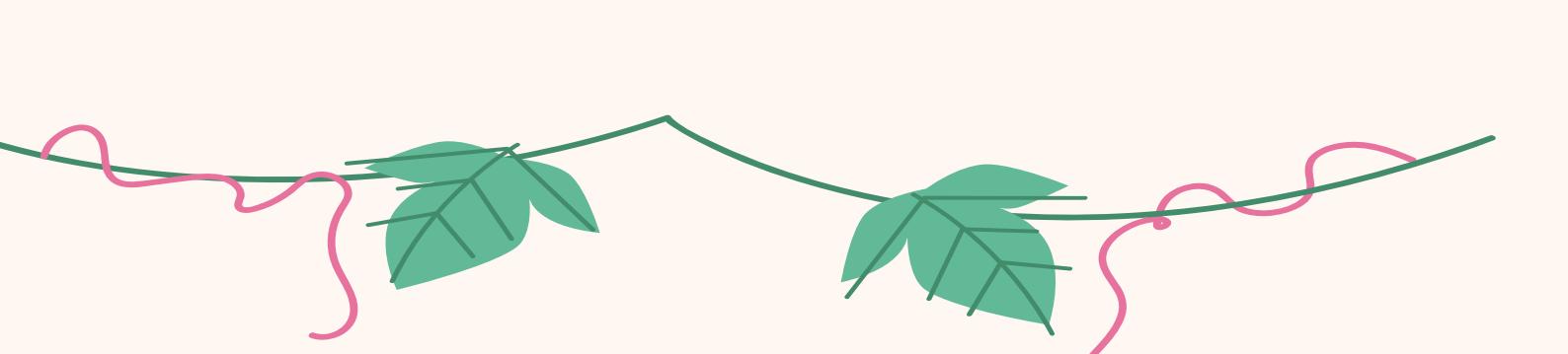


Use case diagram



2

Scenarios



HAPPY TAILS : 1- Sign up

Actors

User

1- The user shall be able to create a new account.

1.1 The system shall be able to display sign up form to the user which contains set of fields : (First, middle, and last name , Email address (for login and contact purposes), Password, Password confirmation, Gender, Age)

1.2 the system shall be able to validate the entered data with these constraints: (The email must be unique and there is no other record in the database has the same values, The password should be at least 8 characters that contains letters in uppercase and lowercase and numbers Password must not contain symbols.)

-The user must fill in all mandatory information before sending the data. which is:(User name, Email, Password)

1.3 When all the data is filled in correctly, the account data will be stored in the database and the system will verify the account by sending a verification link to their email and his/her registration confirmation.

Data

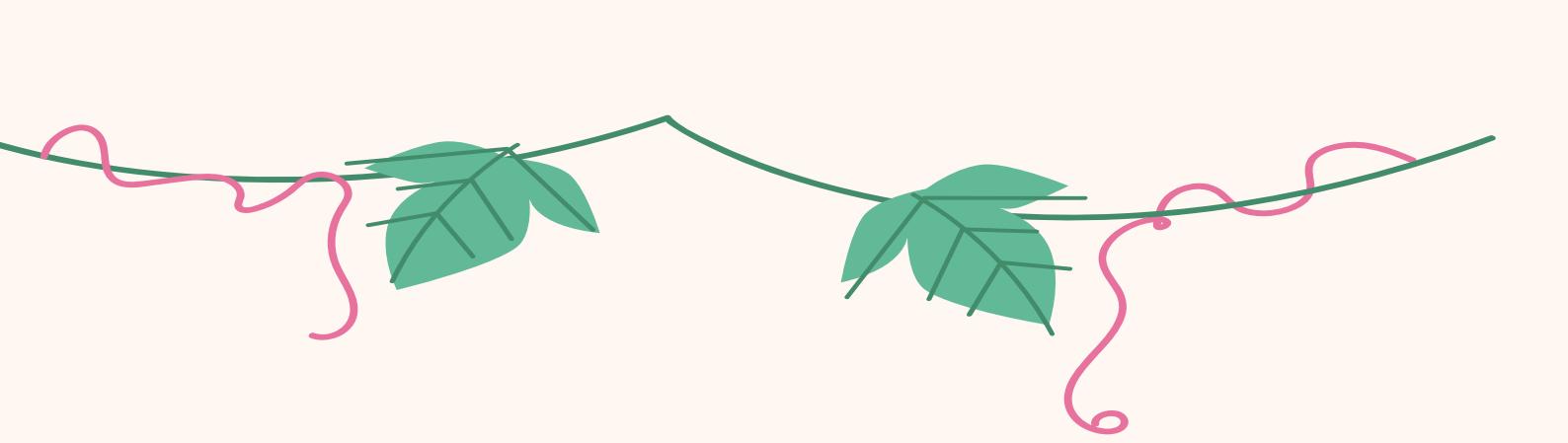
User's information, verification code

Stimulus

User command when clicking on the "Sign up " button.

Response

Registration confirmation message for the user



HAPPY TAILS : 2- Sign in

Actors

User.

2-The user shall be able to sign in his / her account

2.1 The system shall be able to display login form to the user which contain these fields: (email and password)

2.2 the system shall be able to check from the entered data with the database.

Description

2.3 The system shall be able to check if the password matches the password of this email in the database.

-If not, the system will create an error message (incorrect password).

-If the user logged in successfully then the system will view his/her profile and his/her login confirmation

Data

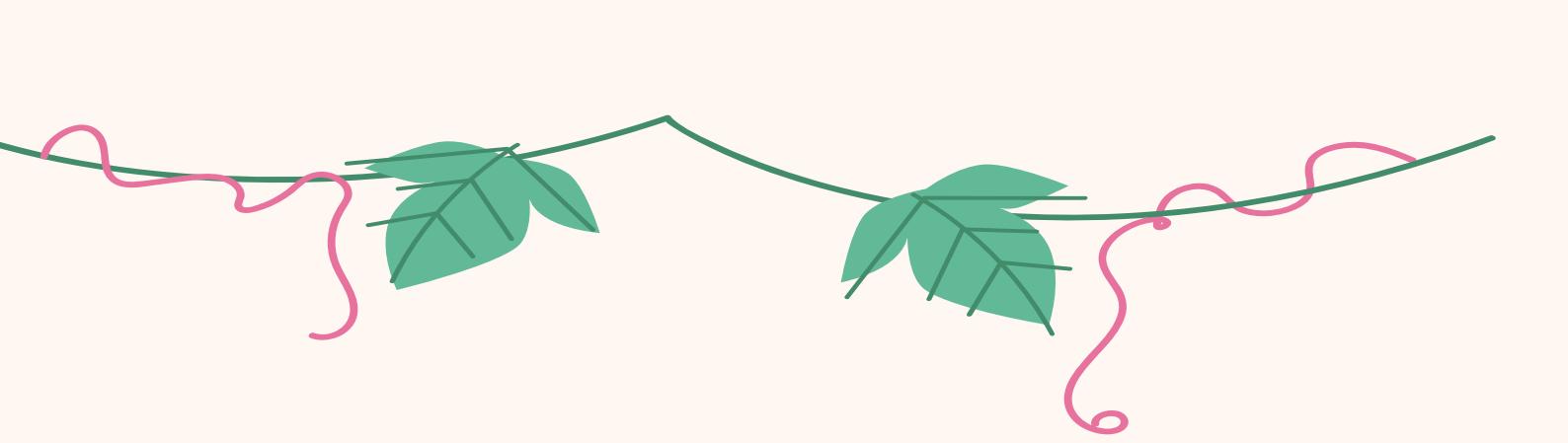
User's information: (email and password)

Stimulus

User clicks on the "Sign in " button.

Response

The user will be taken to their profile ,sent login Confirmation message.



HAPPY TAILS : 3- Adoption

Actors

User .

3- Users shall be able to adopt browse and view available pets for adoption

3.1 The system shall be able to maintain a database of available pets for adoption, including their details, photos, and adoption status.

3.2 The system shall be able to provide a search and filtering functionality to help users find suitable pets based on criteria such as species, age, and location.

3.3 The system shall be able to allow users to initiate the adoption process by submitting adoption applications online or contacting the adoption agency directly through the system.

3.4 The system shall be able to accept the adoption application submitted by the user or reject it

Data

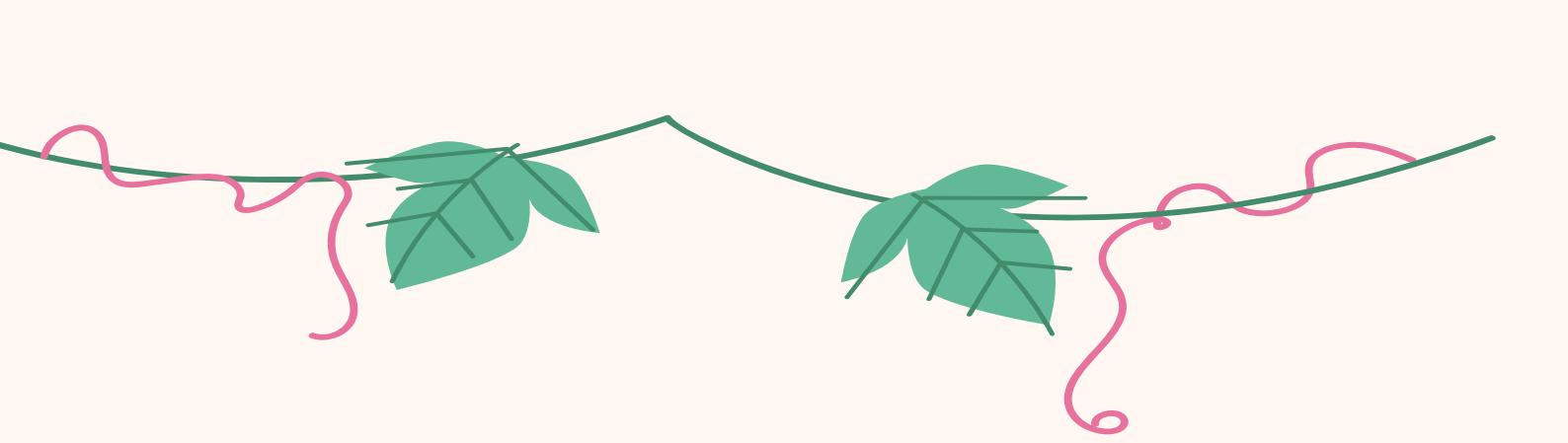
Available pets, Adoption status, Adoption applications

Stimulus

User clicks on the “Adopt ” button to initiate the adoption process

Response

Permitting users to begin the process of adopting a pet



HAPPY TAILS : 4-Medical services

Actors User, System administrator.

4- the user shall be able to schedule a medical service appointment

4.1 the system shall be able to show the user all medical services available.

Description 4.2 the system shall allow the user to choose a service and fill an information form about the served pet.

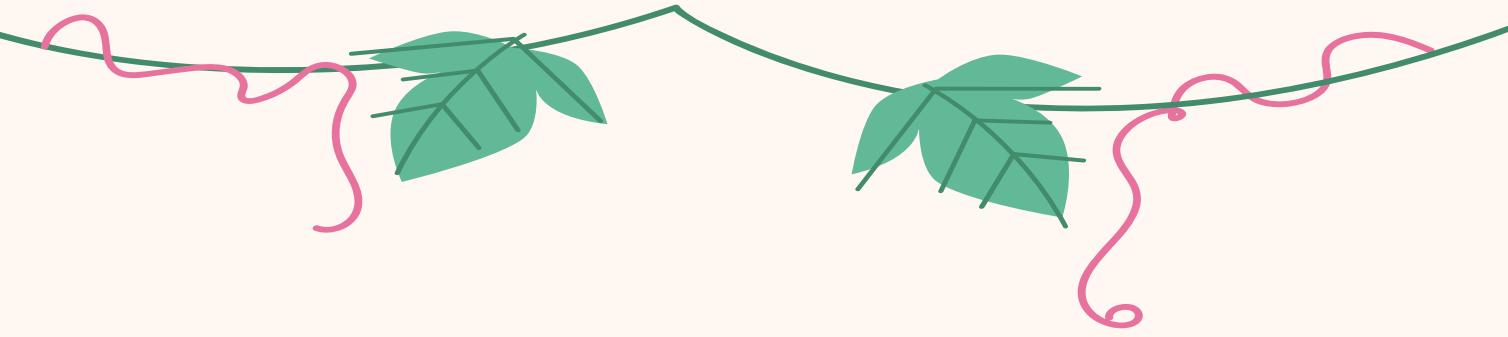
4.3 the system shall use outer payment systems such as (apple pay , pay pal) to complete the appointment .

4.4 the system shall save the appointment in the data base and send a confirmation message.

Data medical services, Pet information , time slot

Stimulus User click on desired service

Response Confirmation message from the system



HAPPY TAILS : 5- Pet spa

Actors	User, System administrator.
---------------	-----------------------------

5- The user shall be able to schedule an appointment for any of the available pet spa services.

5.1 The system shall be able to show a page that have all the spa services from the data base .

5.2 The system shall be able to ask the user to enter the pet (name, age, gender and the address must be share google map link If the user select the service , the time for the appointment).

5.3 The system shall be able to verification the time in the data base.

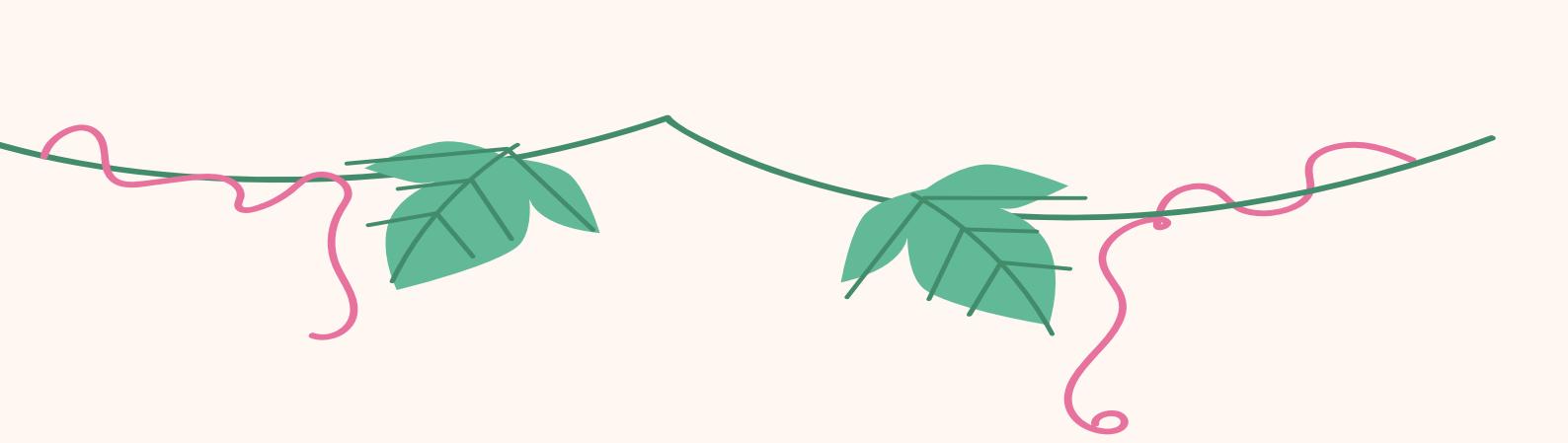
5.4 the system shall use outer payment systems such as (apple pay , pay pal) to complete the appointment .

5.5 the system shall save the appointment in the data base and send a confirmation massage.

Data	Spa services, Pet information , appointment time
-------------	--

Stimulus	User clicks on the “Pet spa” button.
-----------------	--------------------------------------

Response	Confirmation message to the user’s that request is approved.
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HAPPY TAILS : 6- Supplies shop

Actors User, System administrator.

6 - The user shall be able to create an order from the pet supplies shop.

6.1 The system shall be able to show a page that have all the pet supplies

6.2 The system shall be able to allow the user to choose more than one product

Description

6.3 The system shall be able to verification all the information

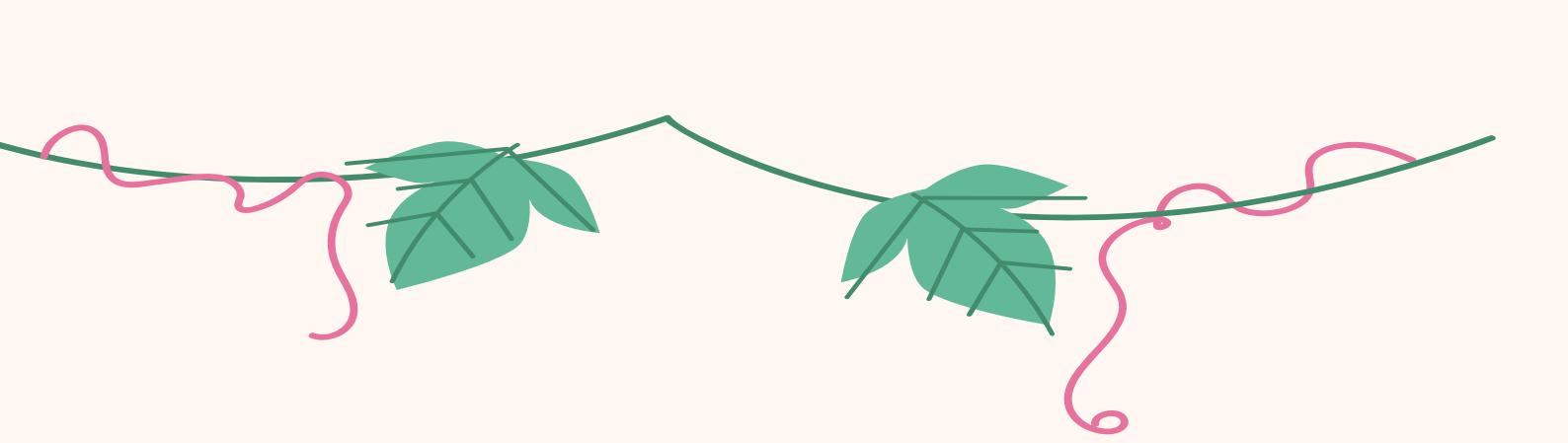
6.4 The system shall use outer payment systems such as (apple pay , pay pal) to complete the appointment

6.5 The system shall save the order in the data base and send a confirmation massage

Data Pet supplies

Stimulus User clicks on the “Supplies shop ” button.

Response Confirmation message to the user's that request is approved.



HAPPY TAILS : 7- Emergency care

Actors	User, System administrator.
---------------	-----------------------------

7- Users shall be able to request emergency care for their pets.

7.1 The system shall be able to request (user's address, user's number, pet type, pet status, pet photos, and when the animal was last seen).

7.2 The system shall be able to check the filling of all information.

7.3 The system shall be able to check the validity of the mobile number, user address and extension of the images be jpg, jpeg, png.

7.4 The system shall be able to save the request in the emergency care record in the database.

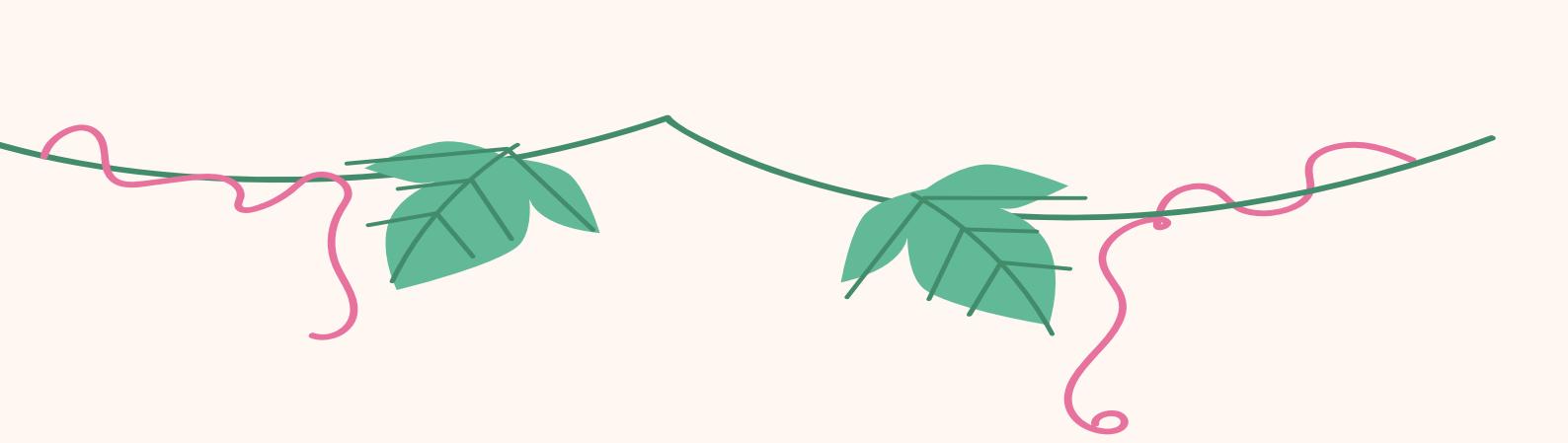
7.5 The system shall be able to provide real-time alerts for emergency requests.

7.6 The system shall be able to send an emergency care request arrival confirmation message to the user's number or page.

Data	Pet's information, Notification,
-------------	----------------------------------

Stimulus	User command when clicking on the “Request emergency care for a pet” button.
-----------------	--

Response	Confirmation message to the user's that request is approved.
-----------------	--



HAPPY TAILS : 8- Volunteering

Actors User, System administrator.

8- The user shall be able to express interest in volunteering

8.1 The system shall display a registration form to save volunteers information in the data base.

Description

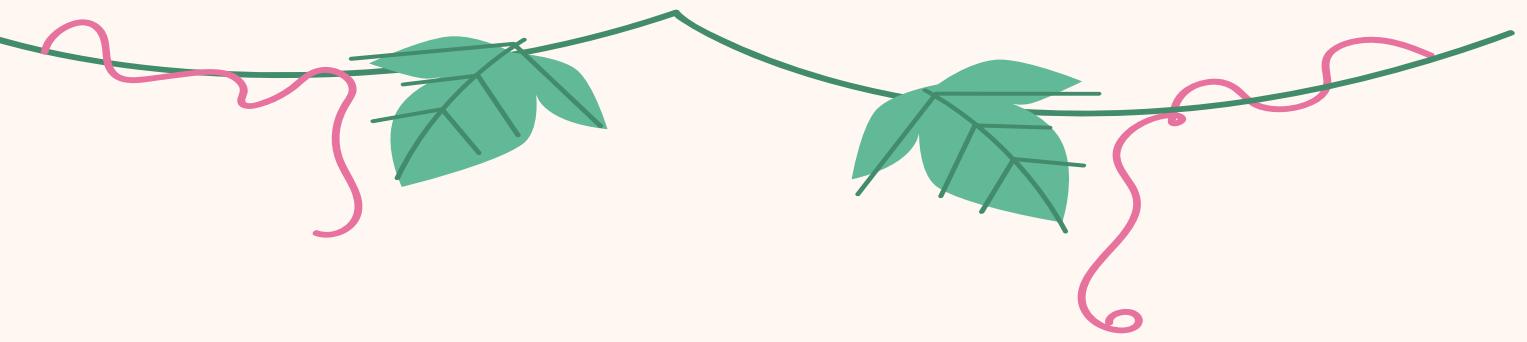
8.2 The system shall display the terms and conditions for volunteering.

8.3 The system shall display volunteering opportunities and allow the user to choose and register in it

Data Volunteer information

Stimulus User click on “volunteer” to display the registration form

Response Request acceptance message



HAPPY TAILS : 9-Users experiences

Actors User, System administrator.

9- The user shall be able to express their experiences

9.1 The system shall display a form for the user to write their opinions about their experiences.

9.2 The system shall be able to store all customers reviews in the customer experiences table

Data customers reviews

Stimulus User clicks on the “Add experience” button.

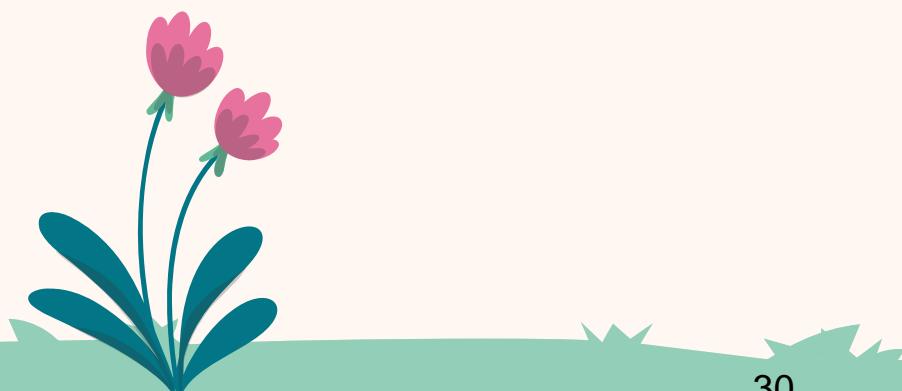
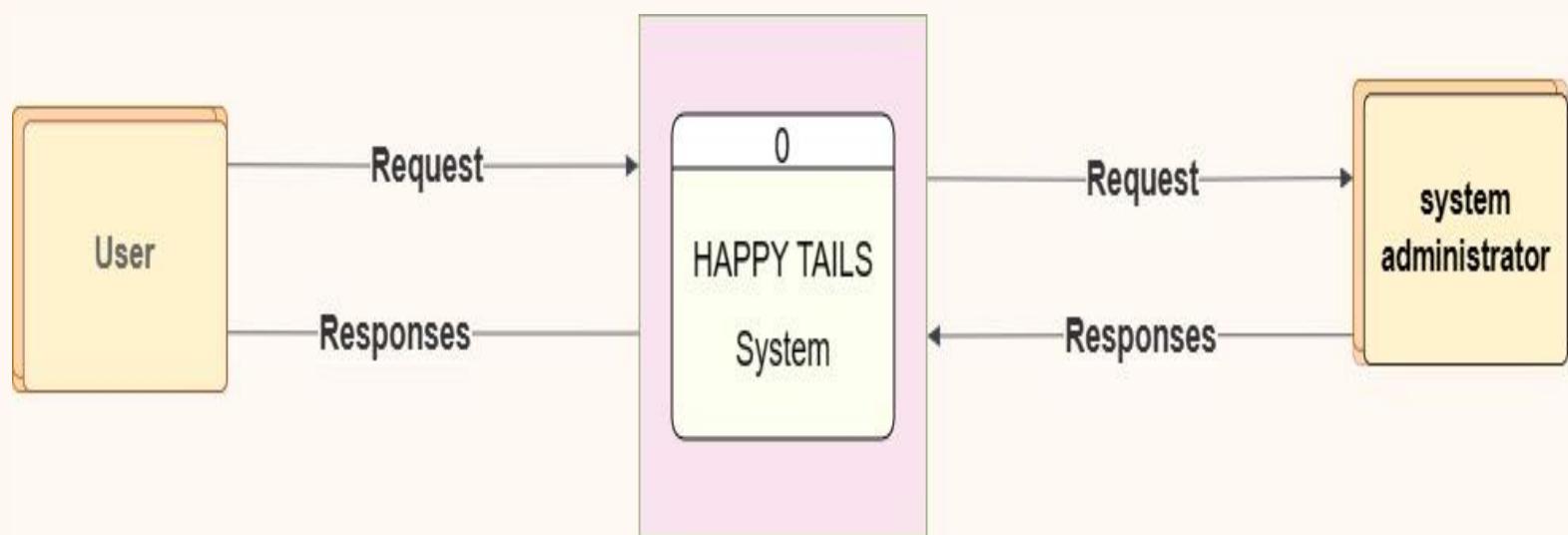
Response Save the user experience in the experiments table

3

DFD

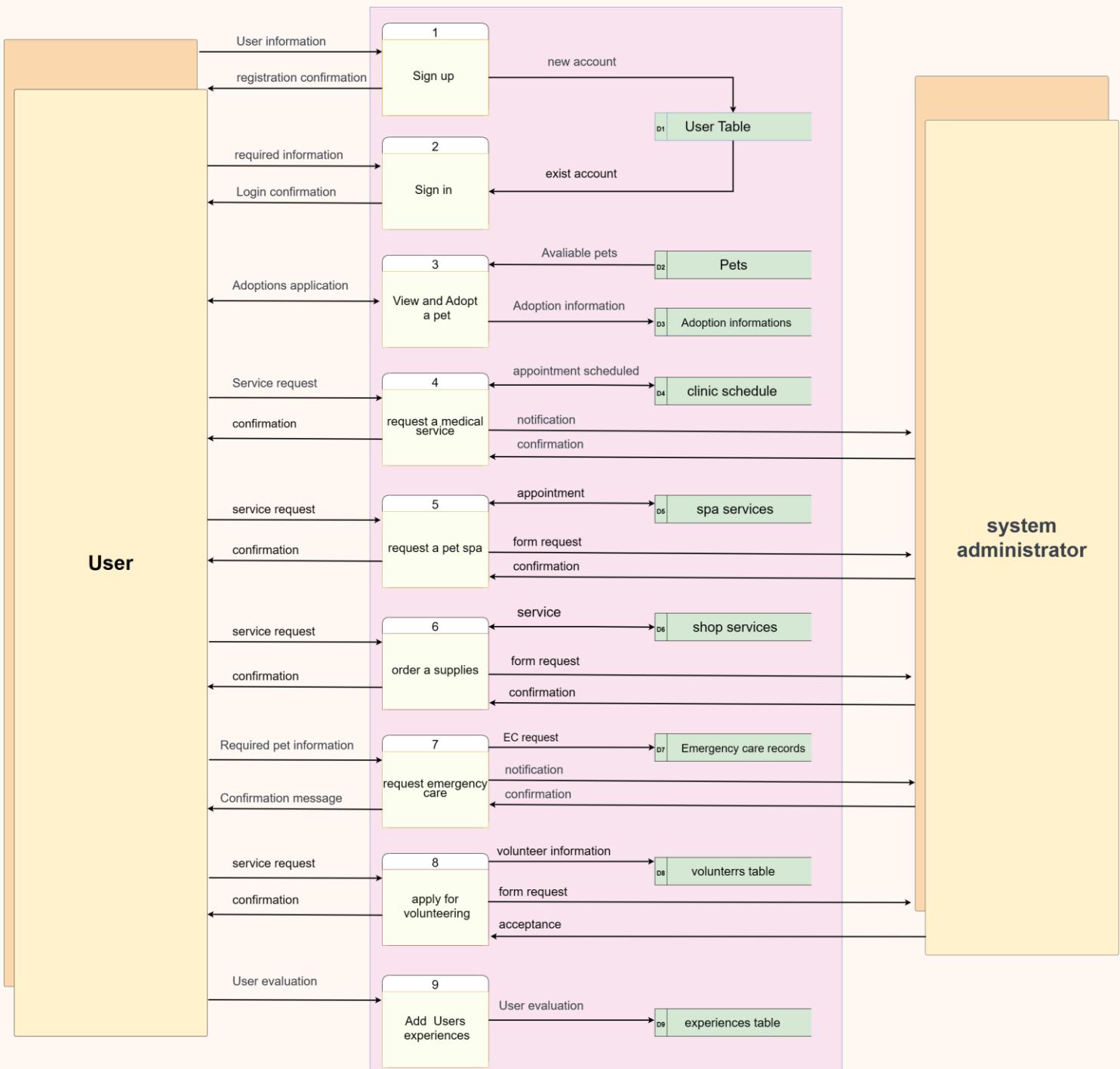


level 0





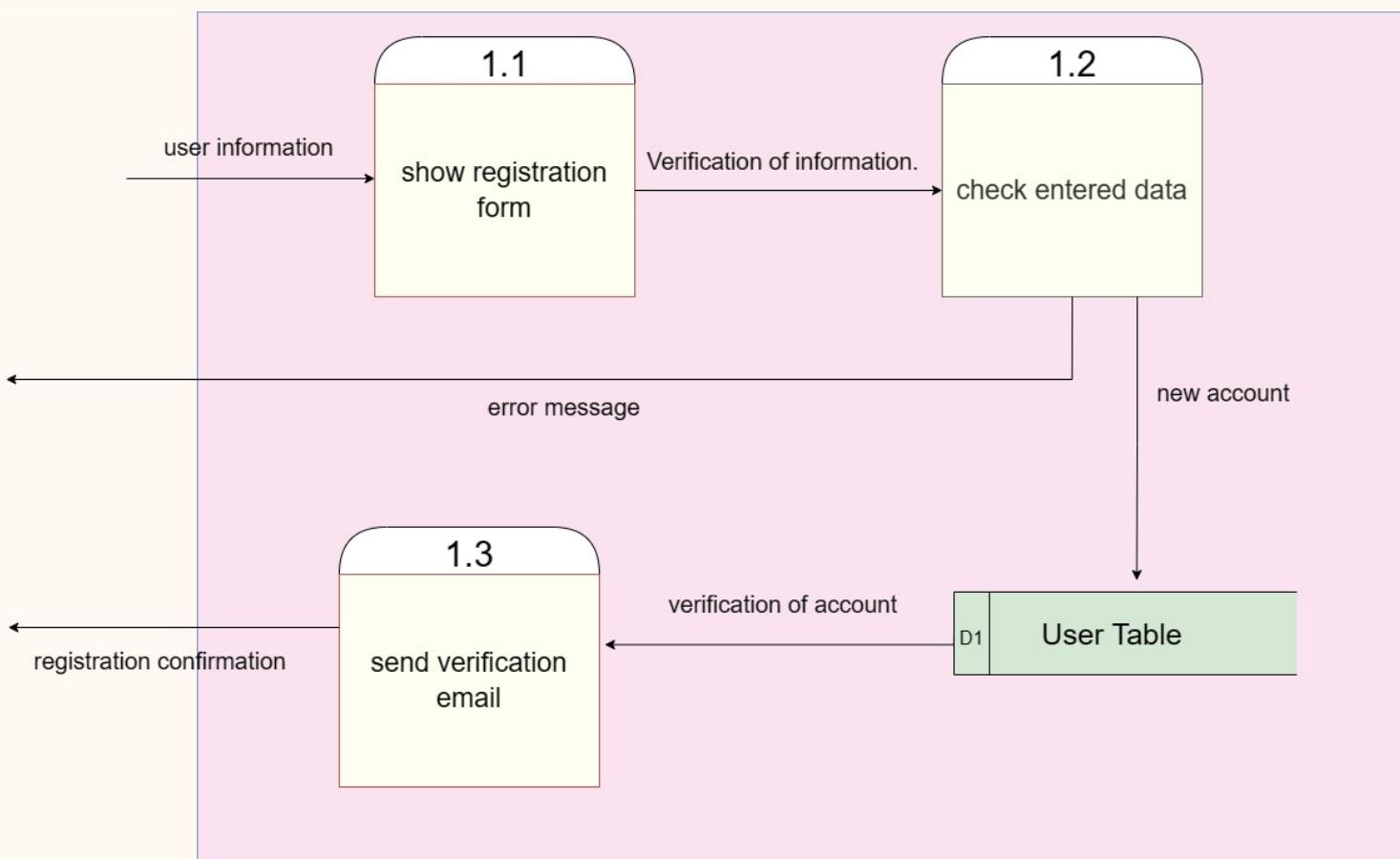
level 1





Child Diagram

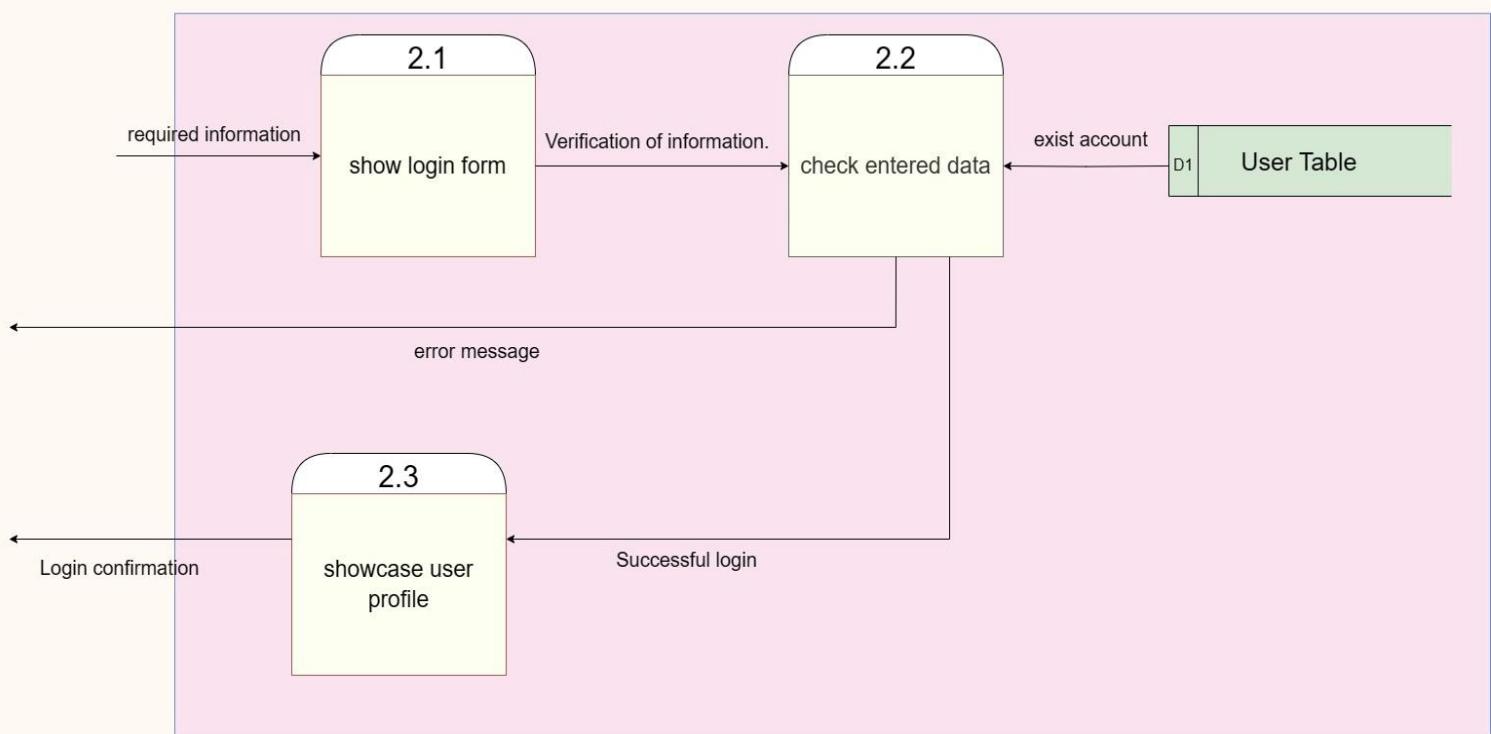
Child Diagram (Sign up)





Child Diagram

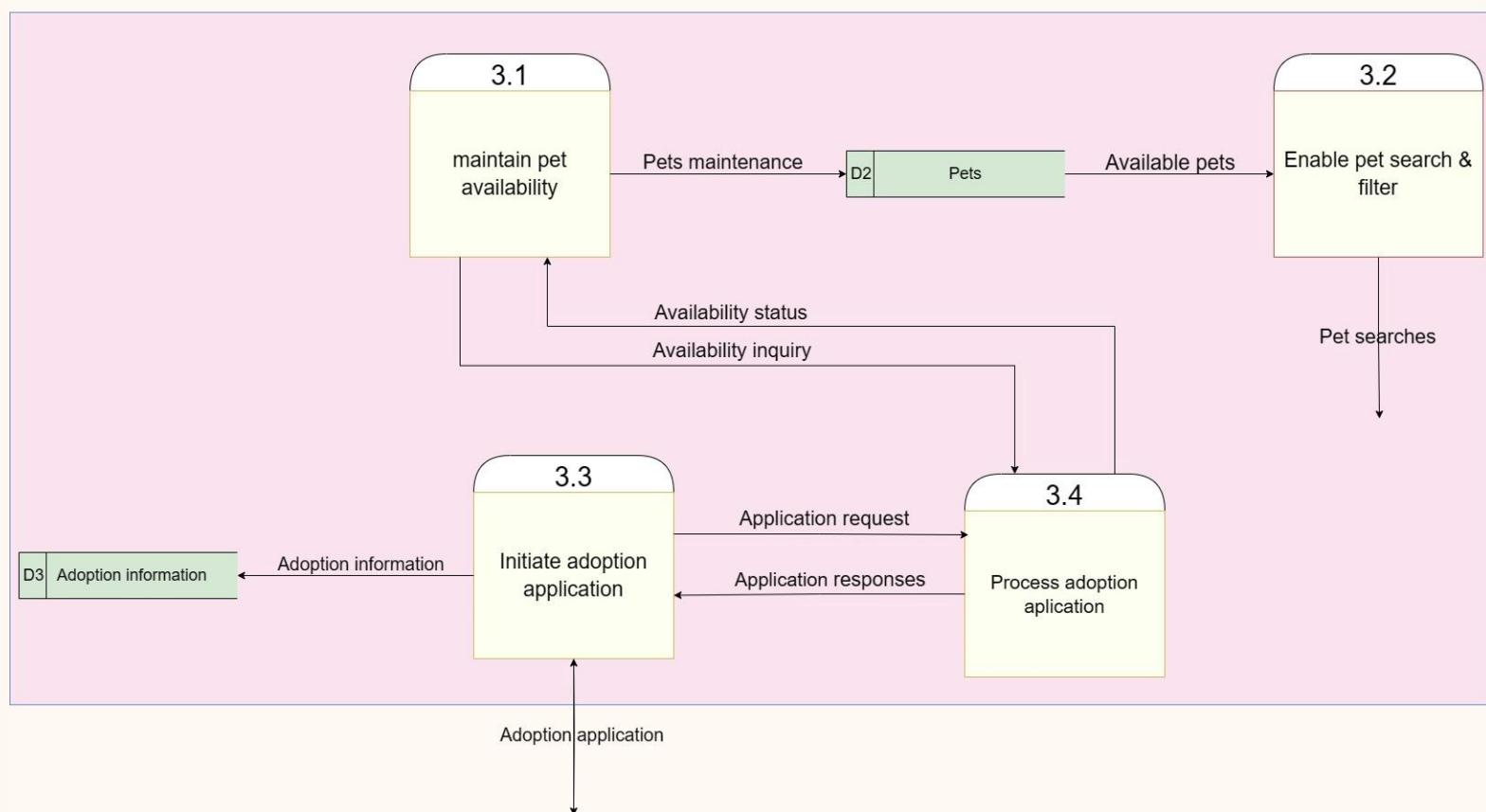
Child Diagram (Sign in)





Child Diagram

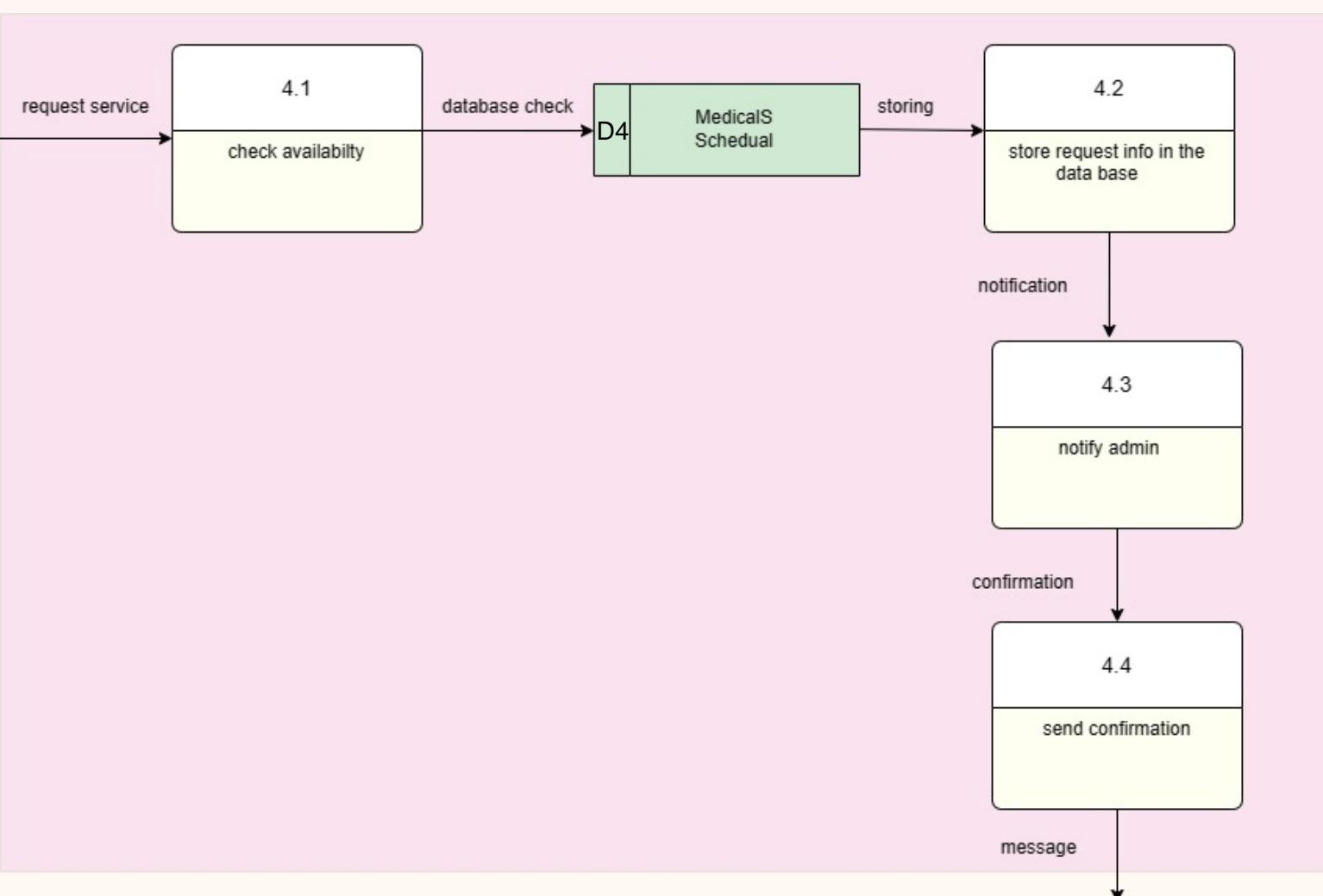
Child Diagram (Adoption)





Child Diagram

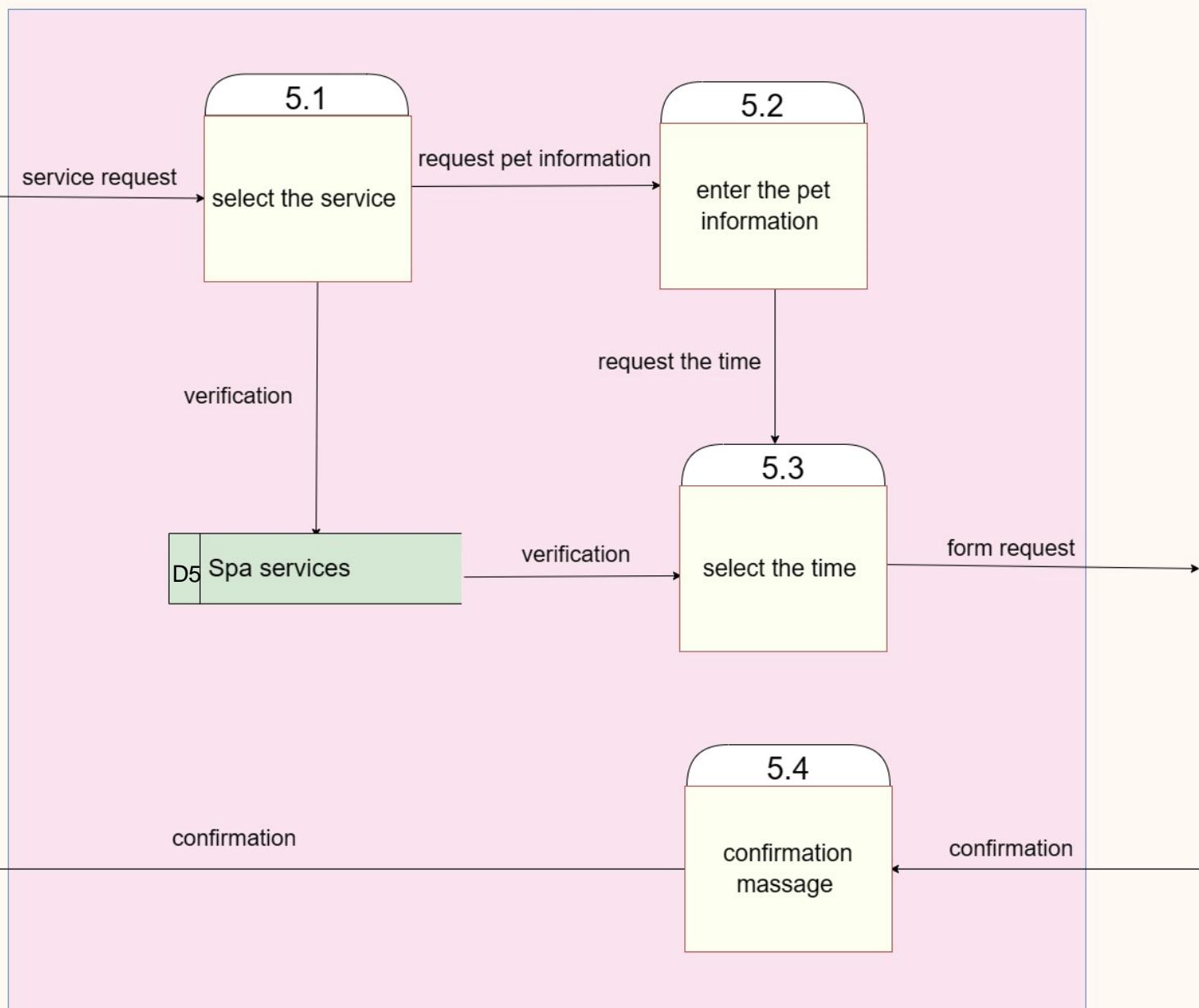
Child Diagram (**Medical services**)





Child Diagram

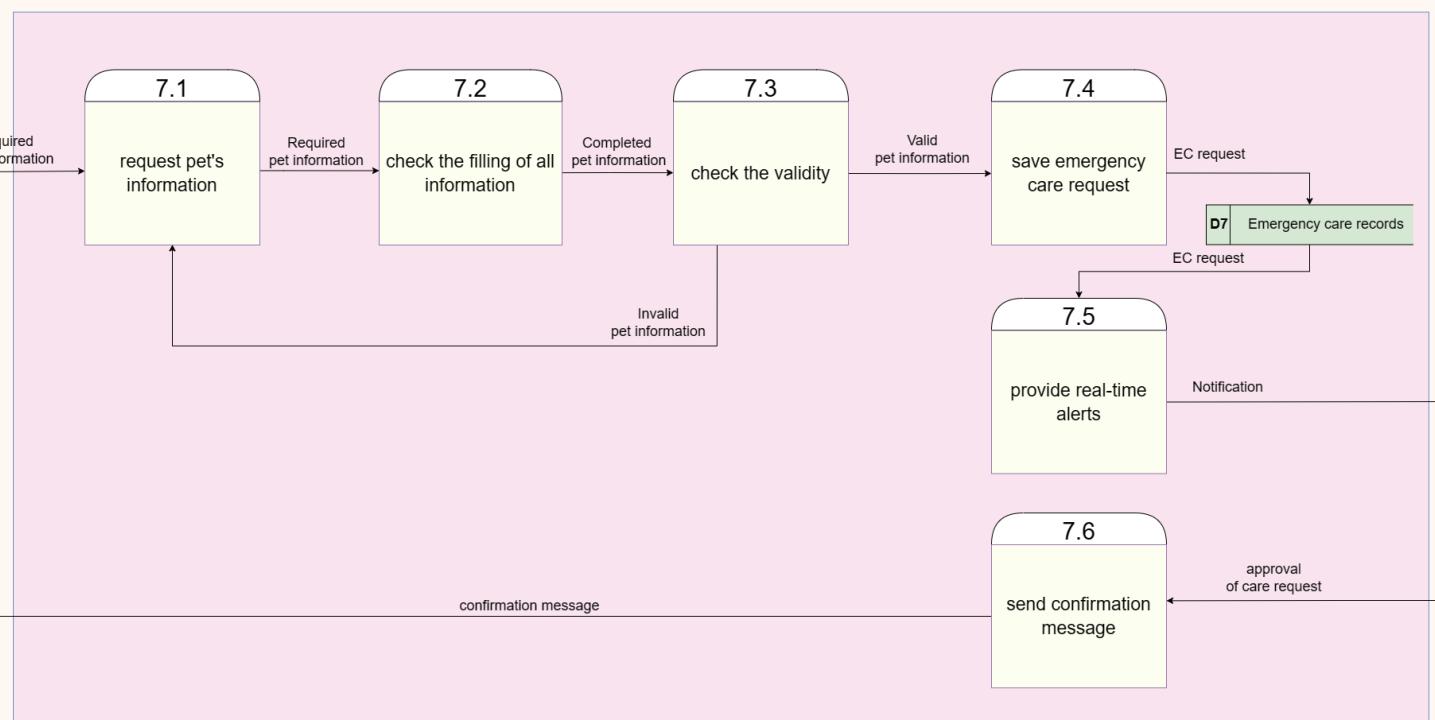
Child Diagram (Spa services)





Child Diagram

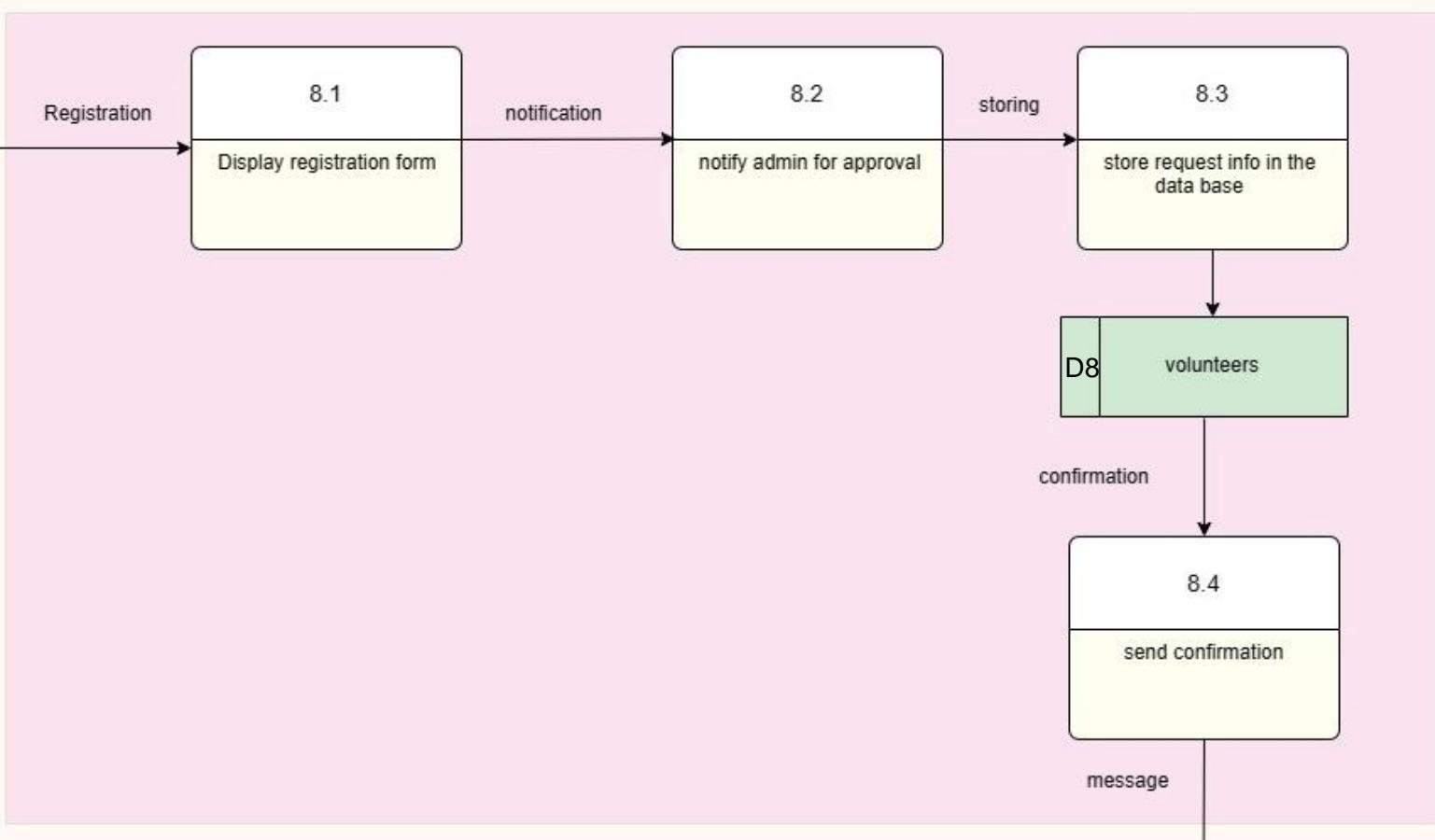
Child Diagram (Emergency care)





Child Diagram

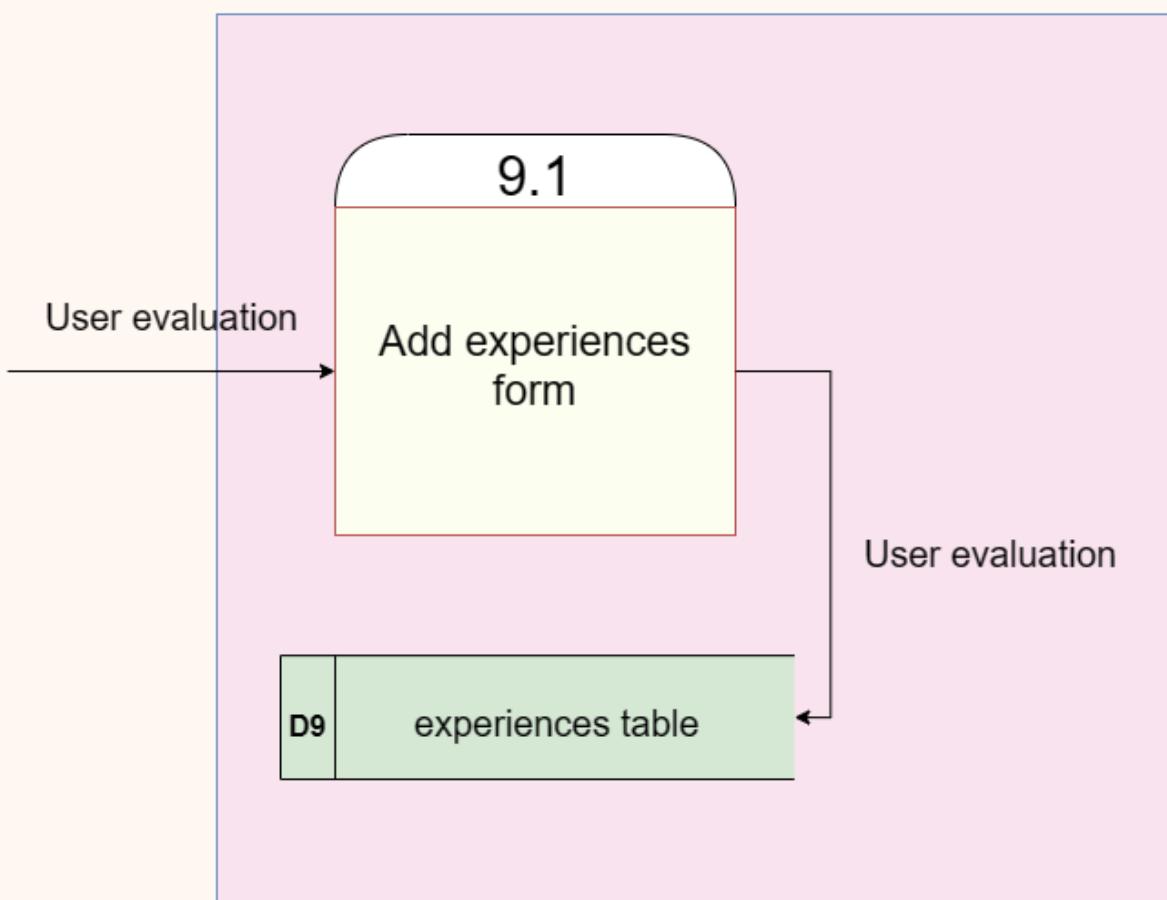
Child Diagram (**Volunteering**)





Child Diagram

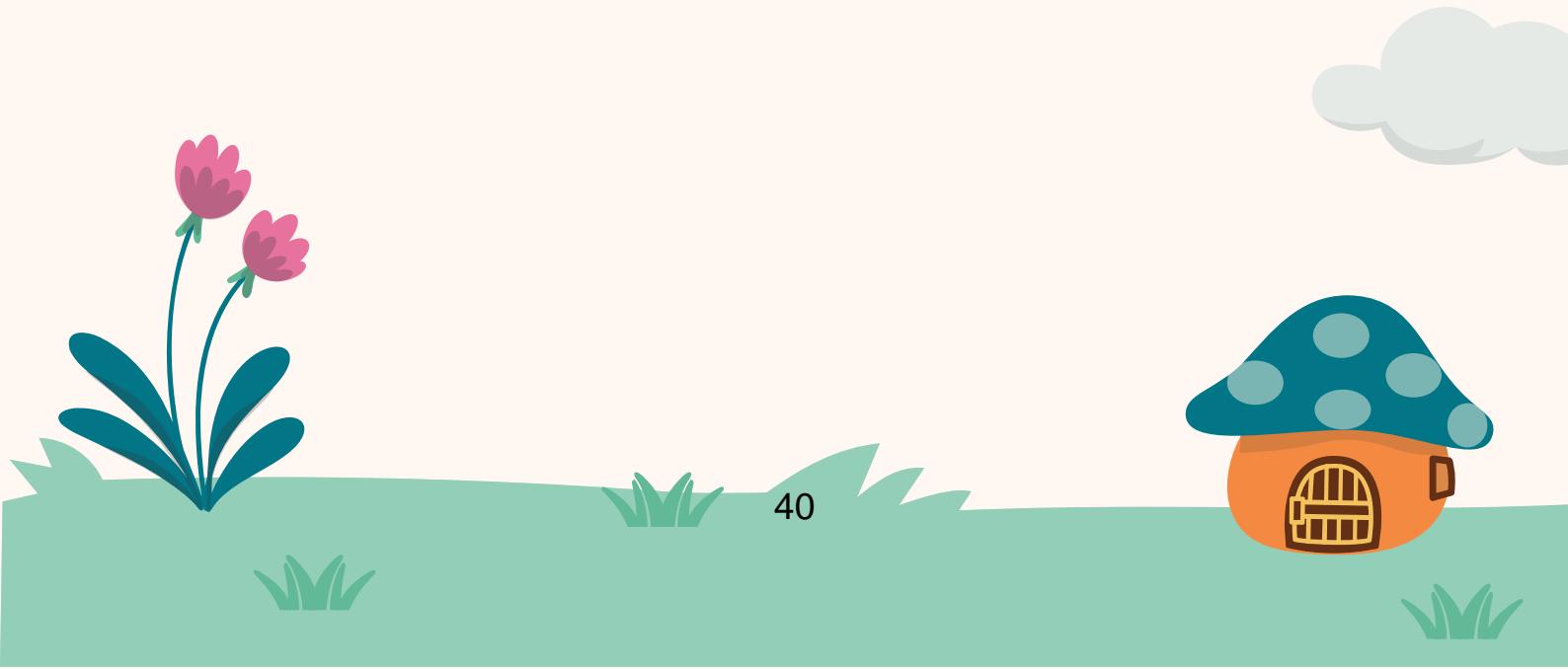
Child Diagram (**Users experiences**)

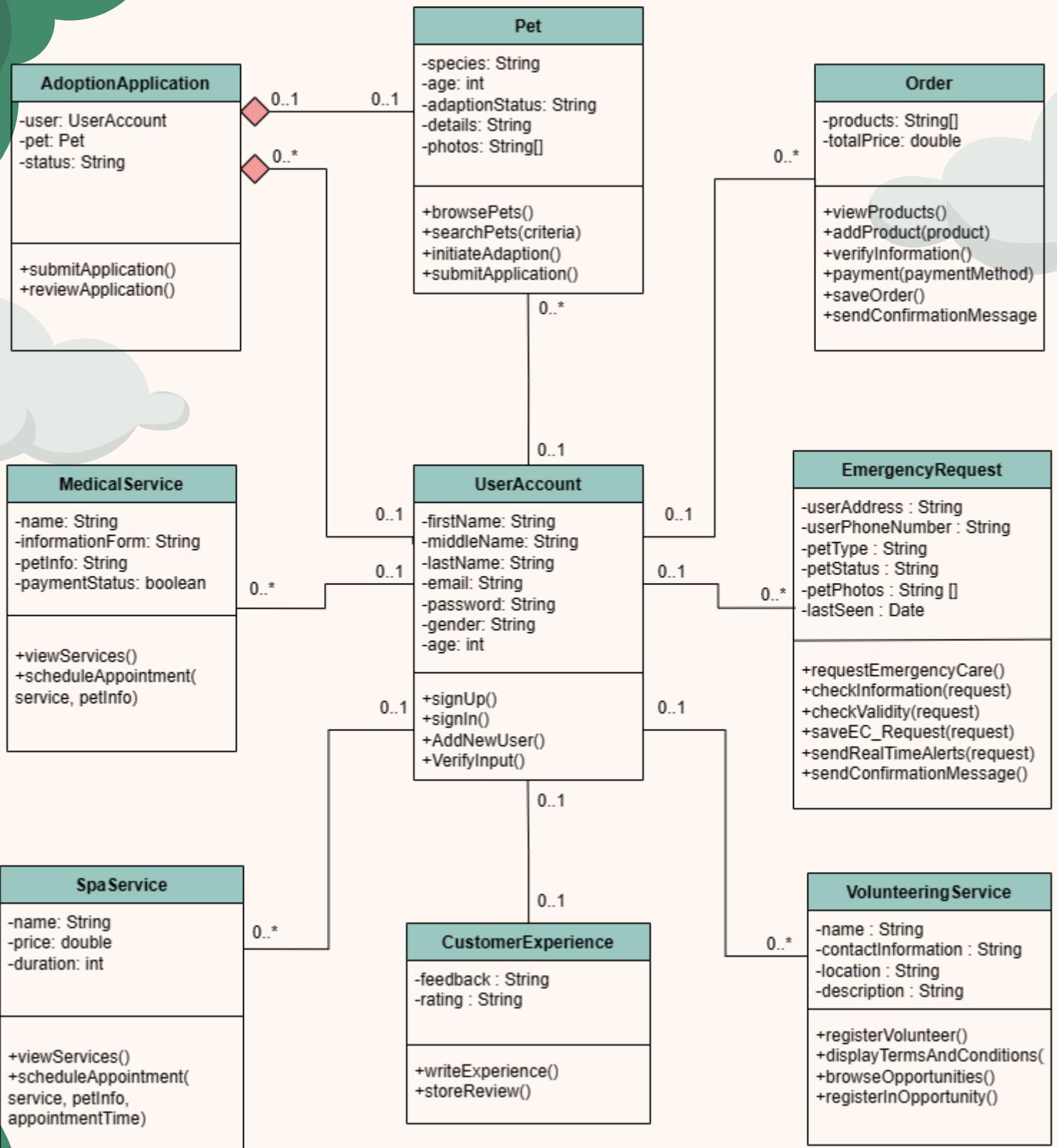




4

Class Diagram

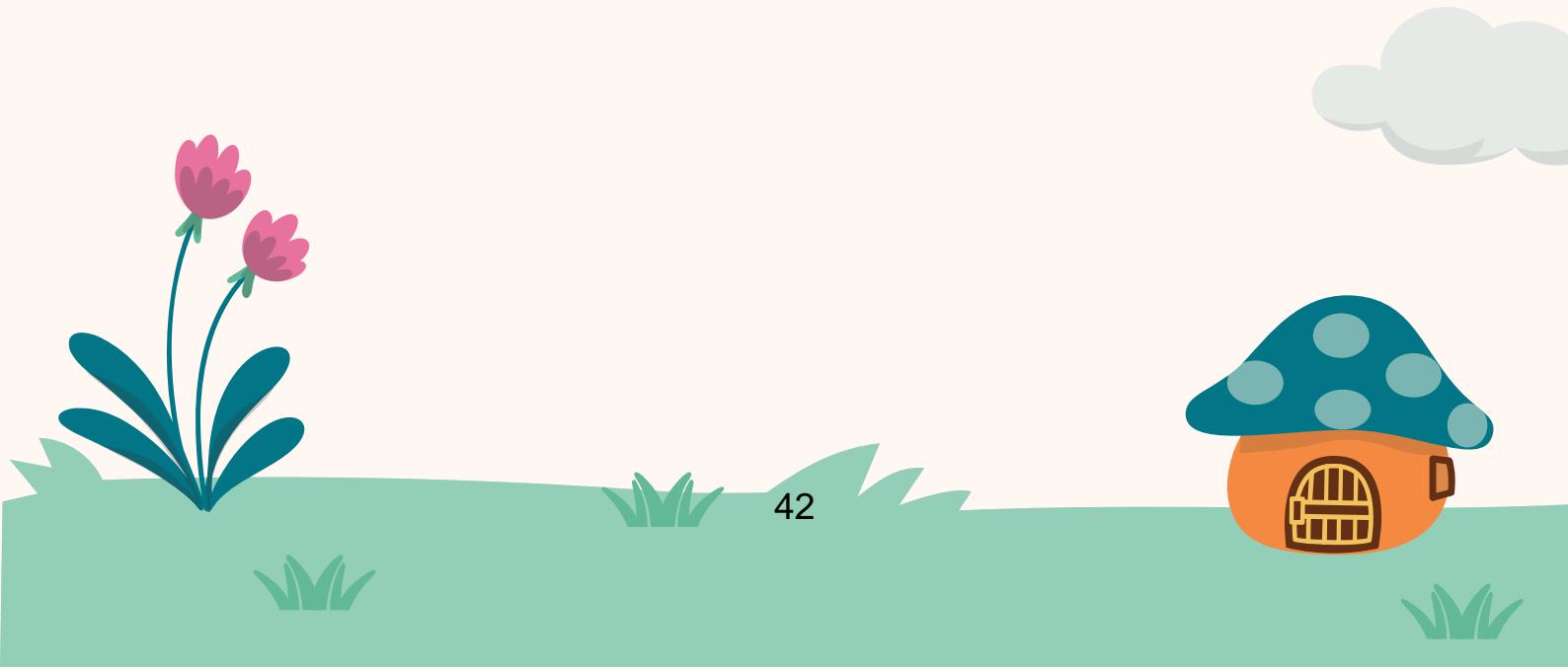




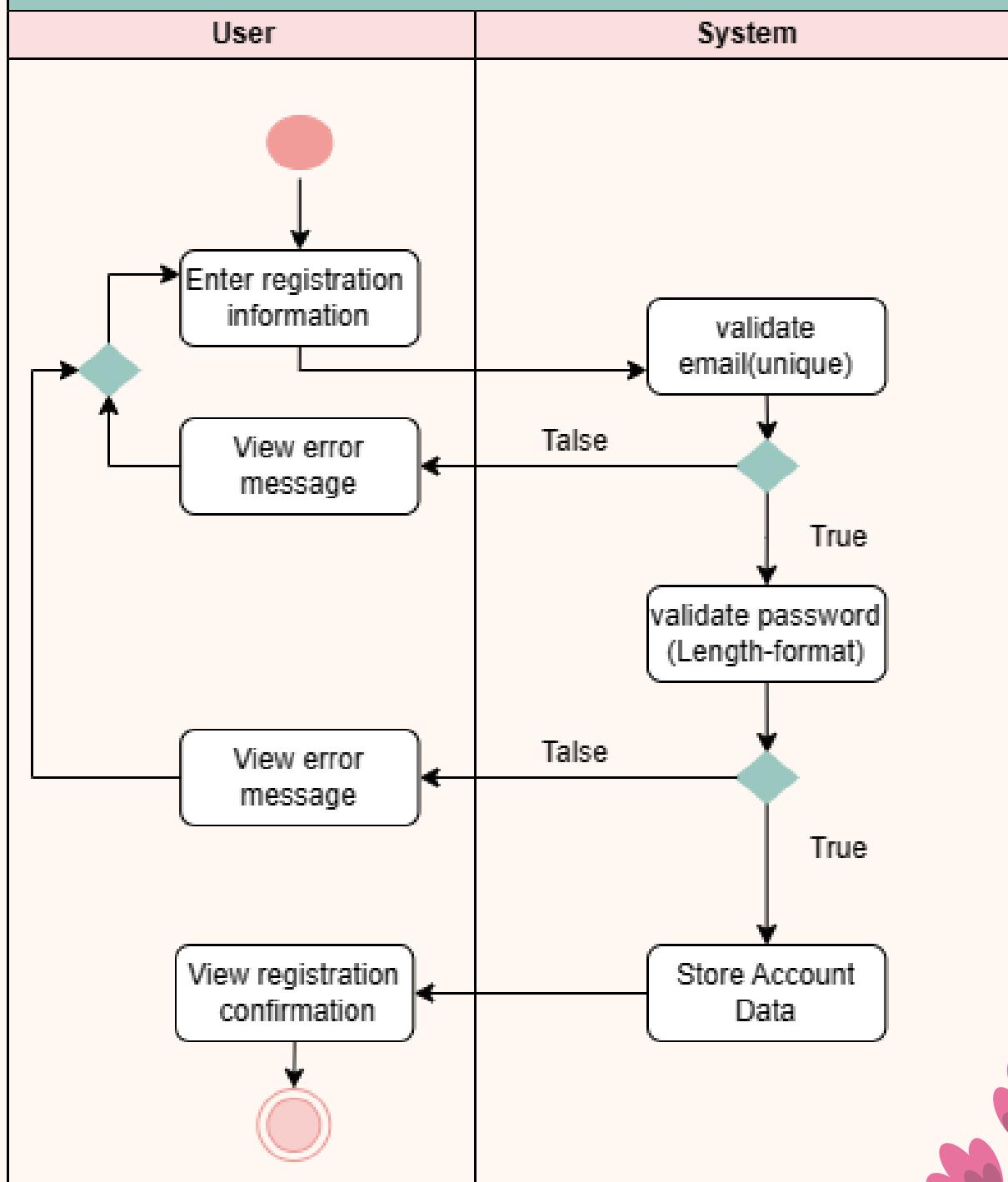


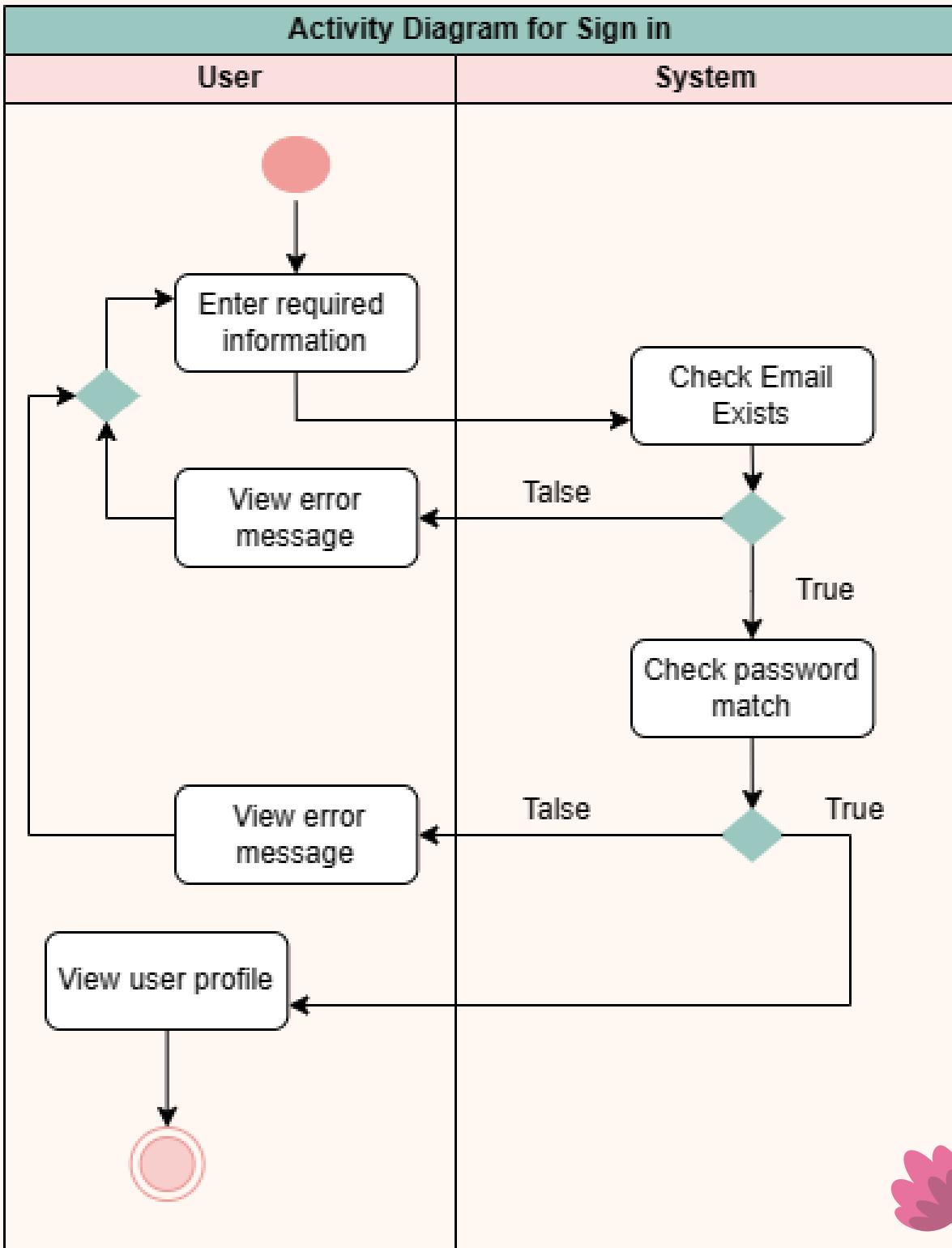
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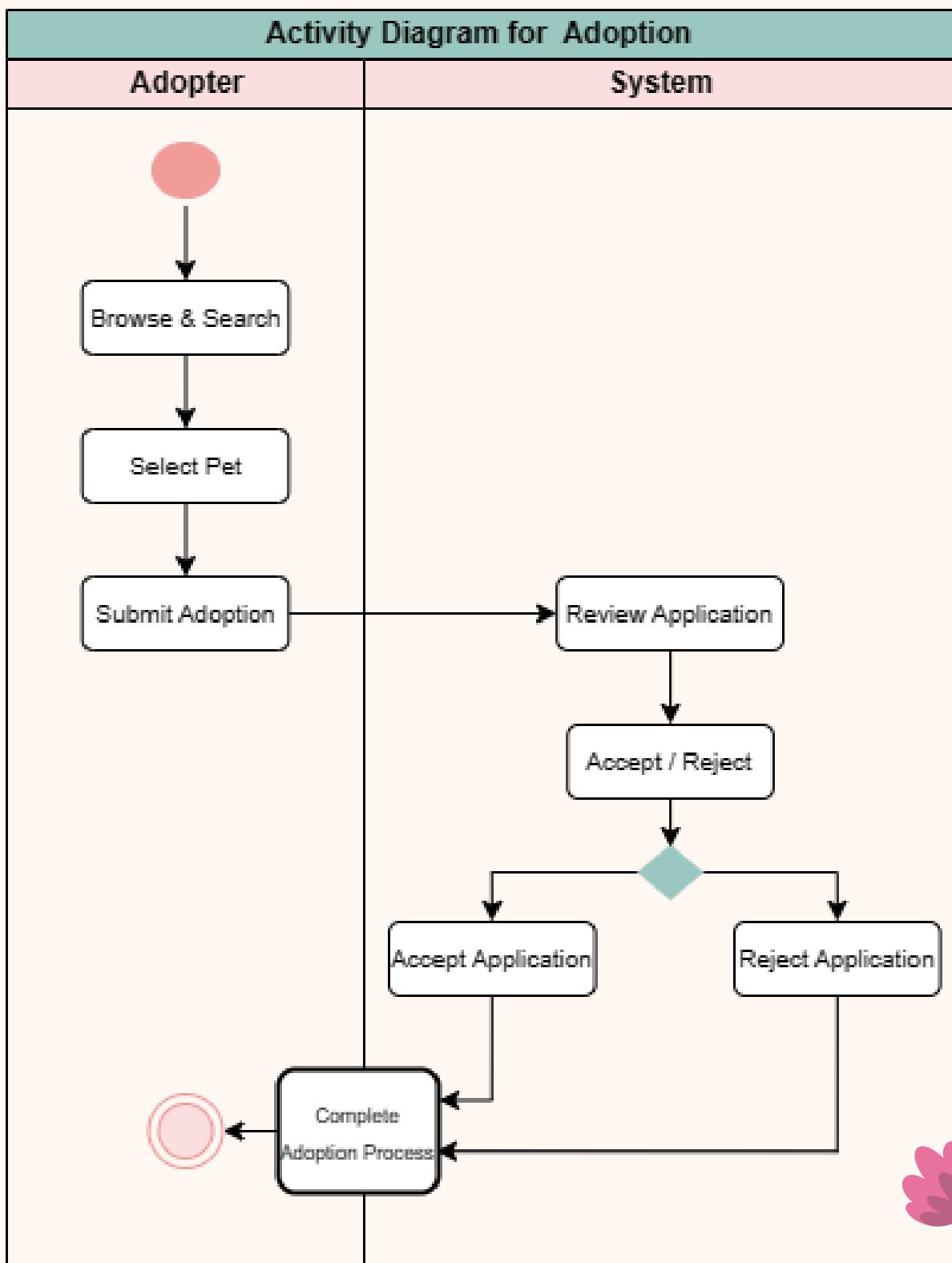
Activity Diagram

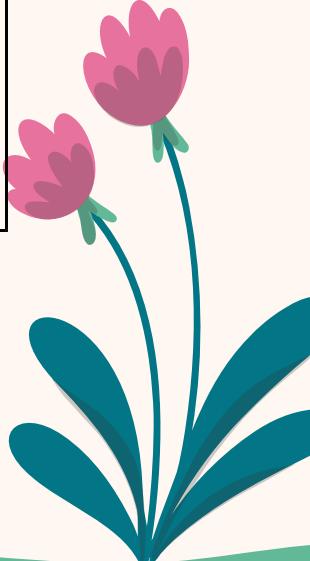
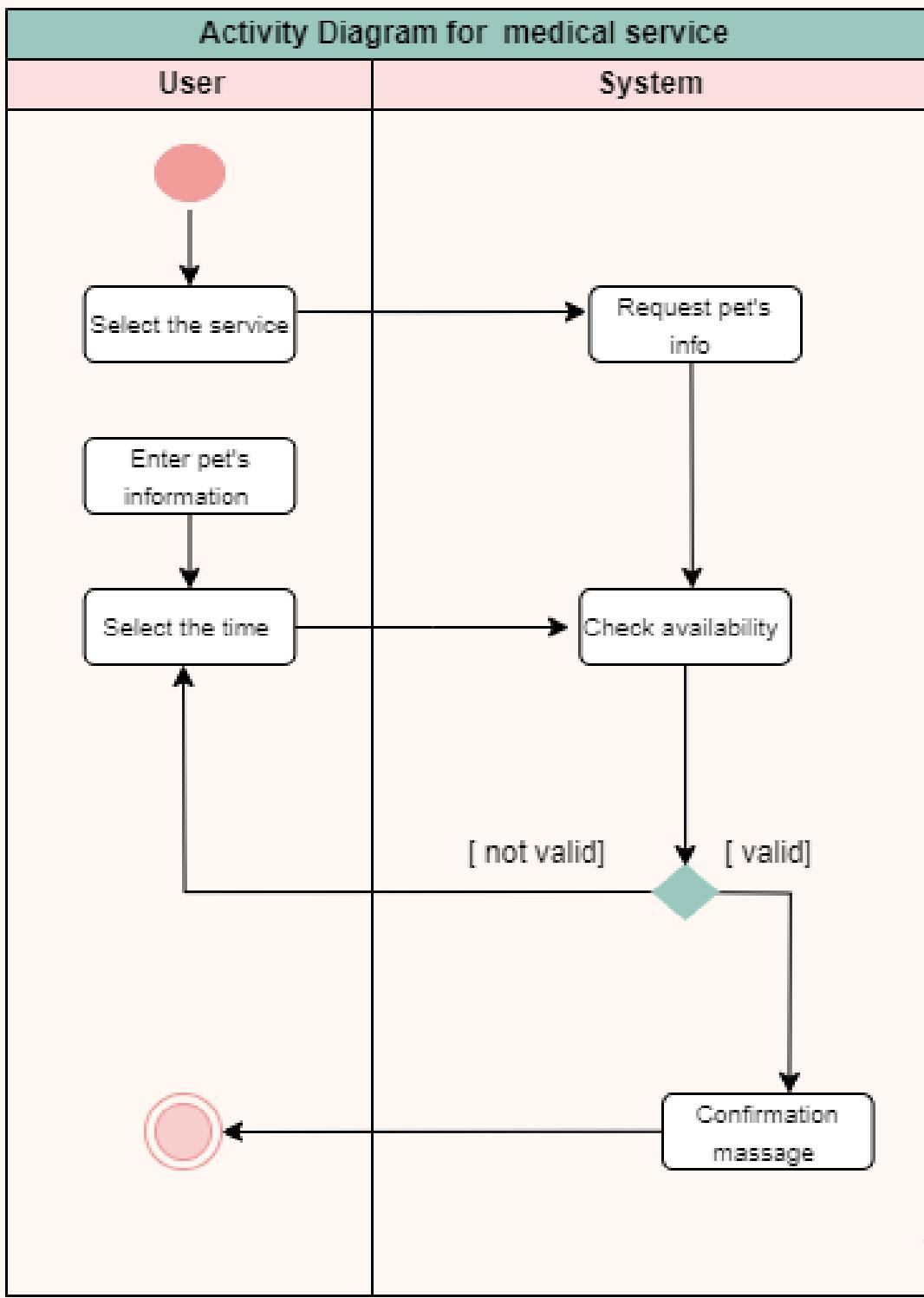


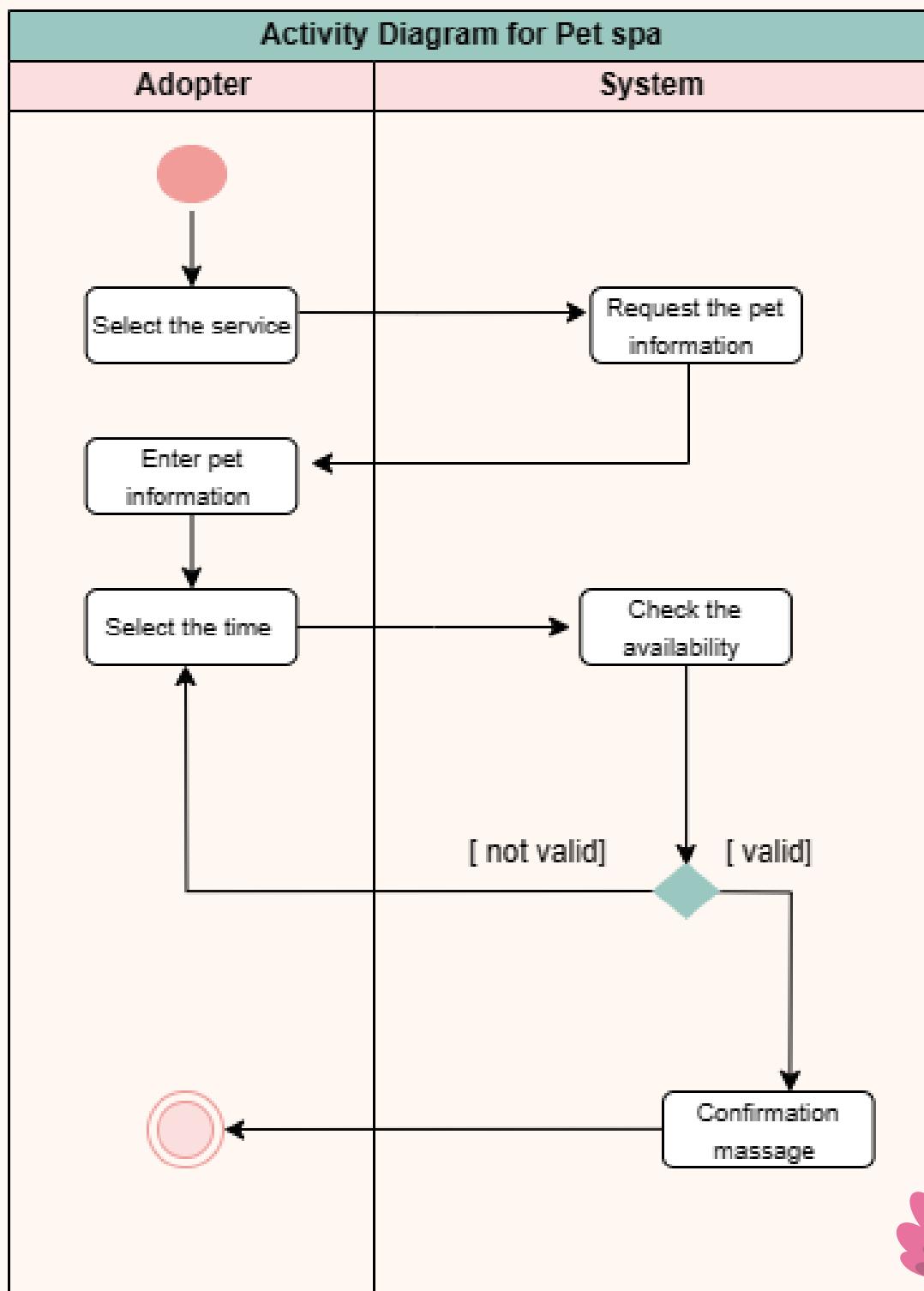
Activity Diagram for Sign up

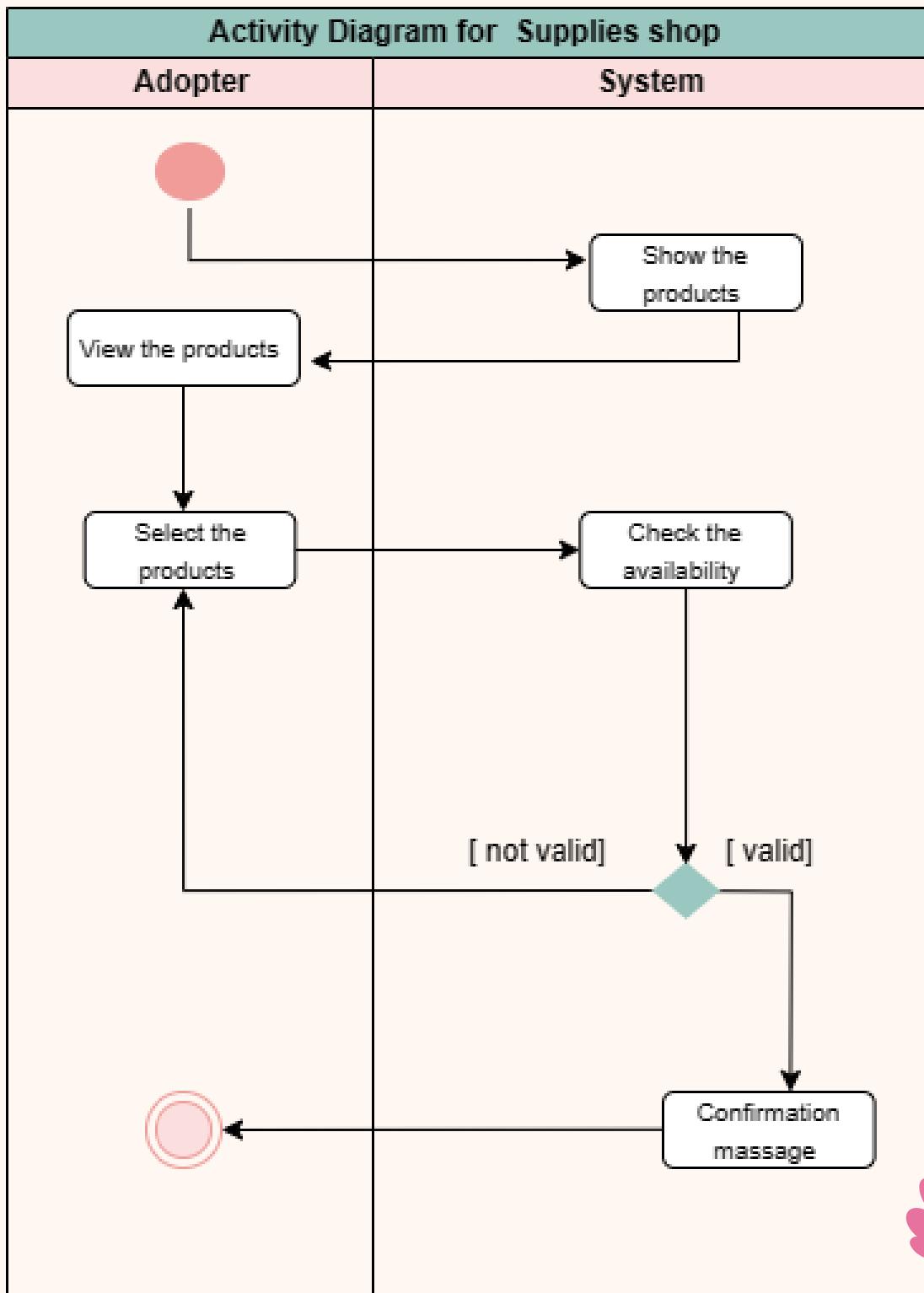


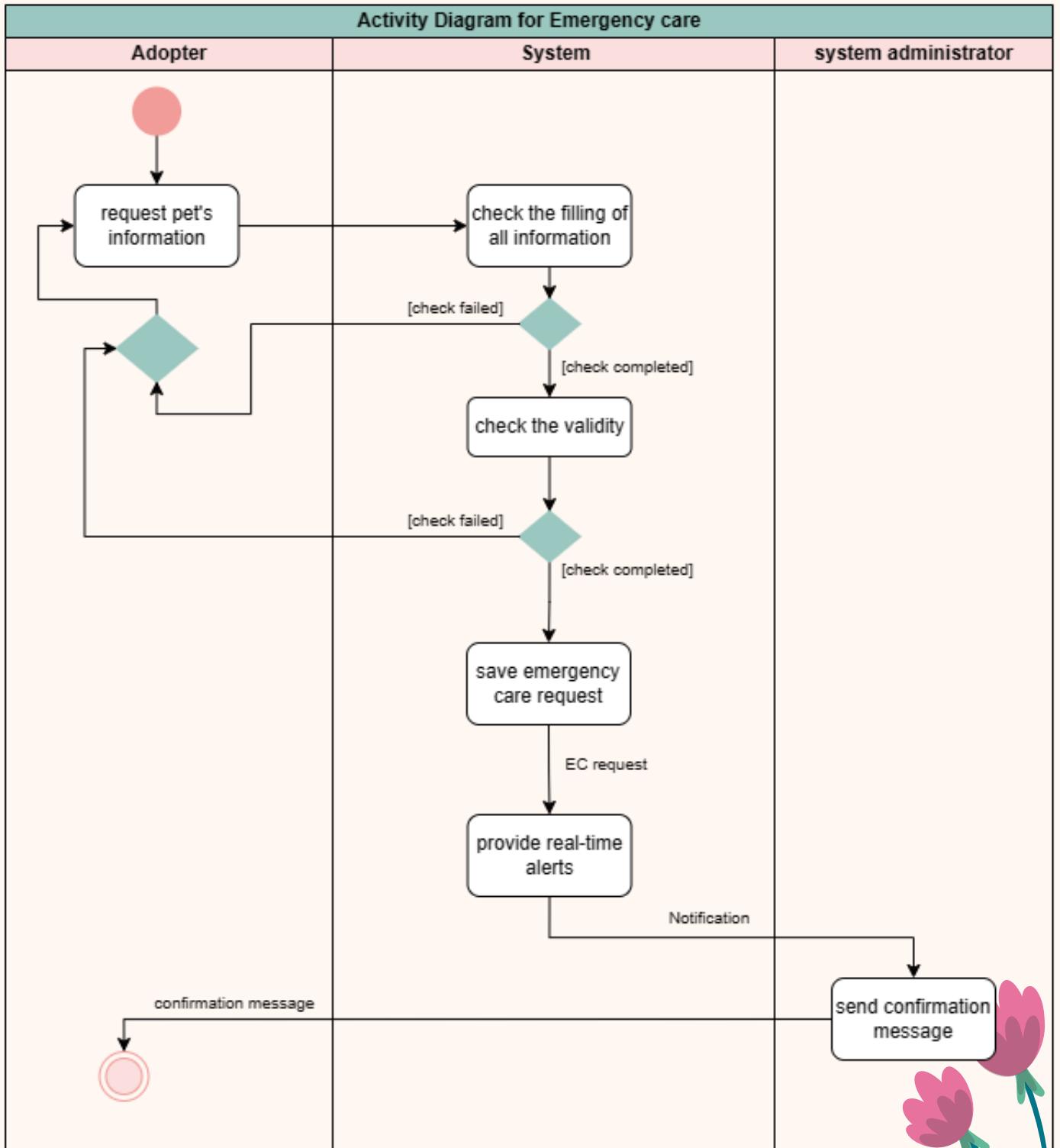




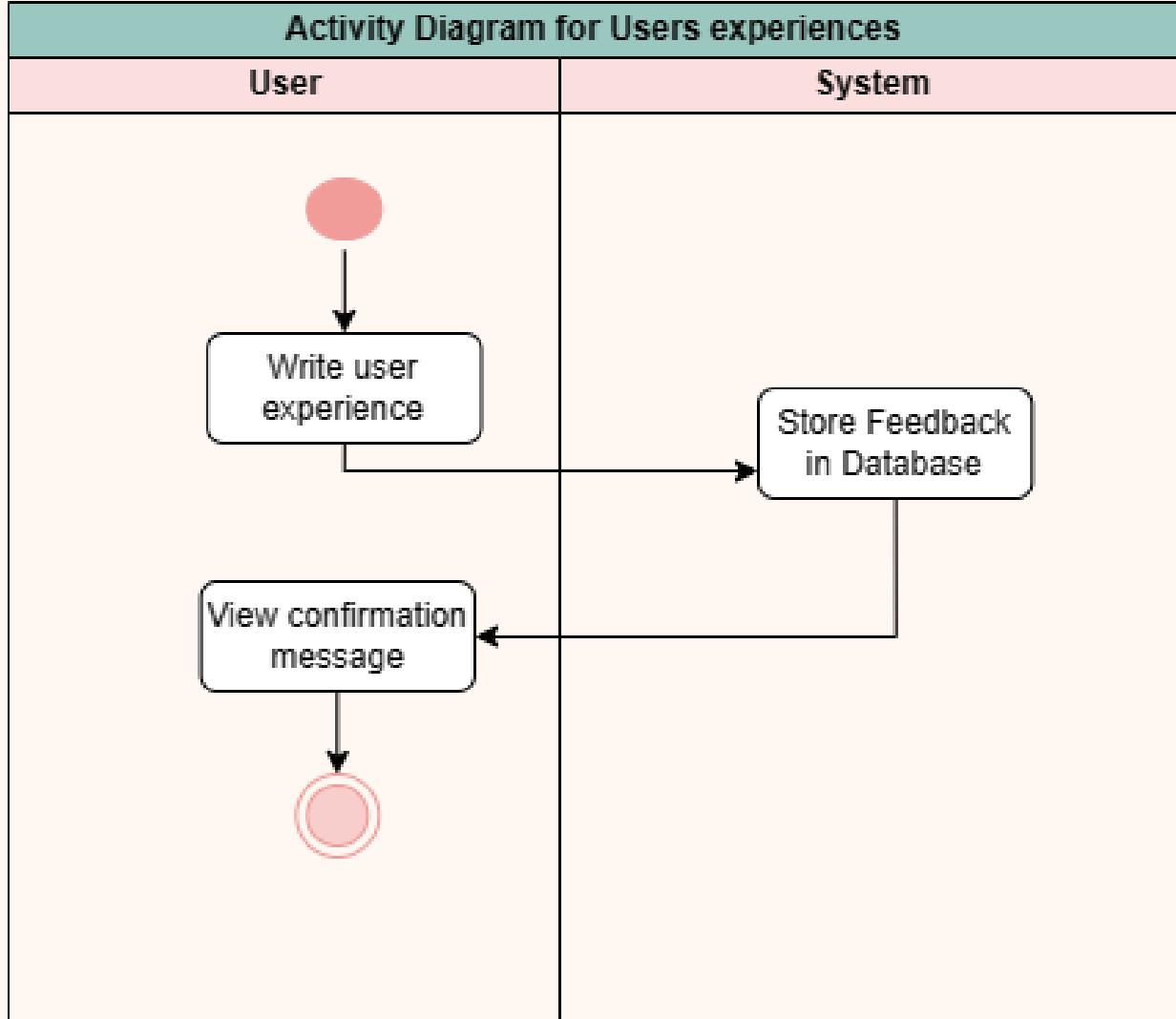








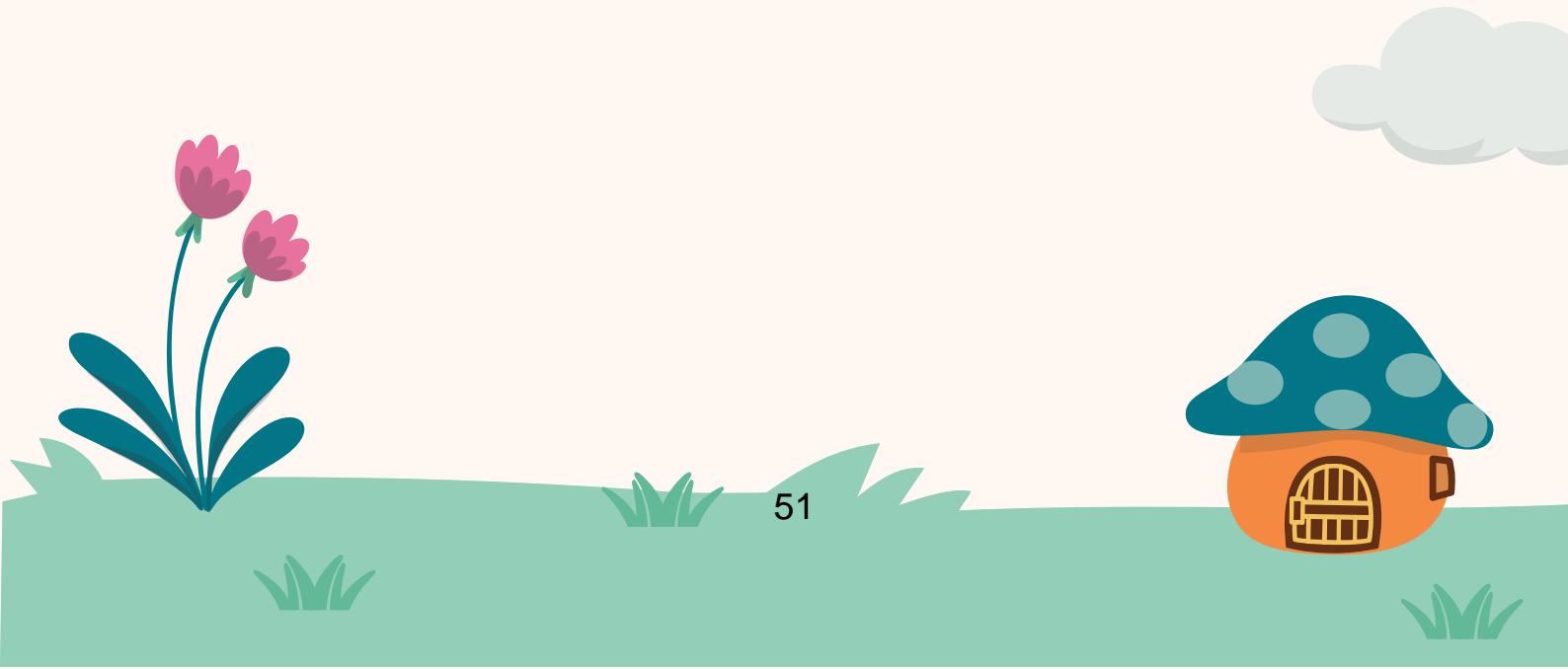
Activity Diagram for Users experiences



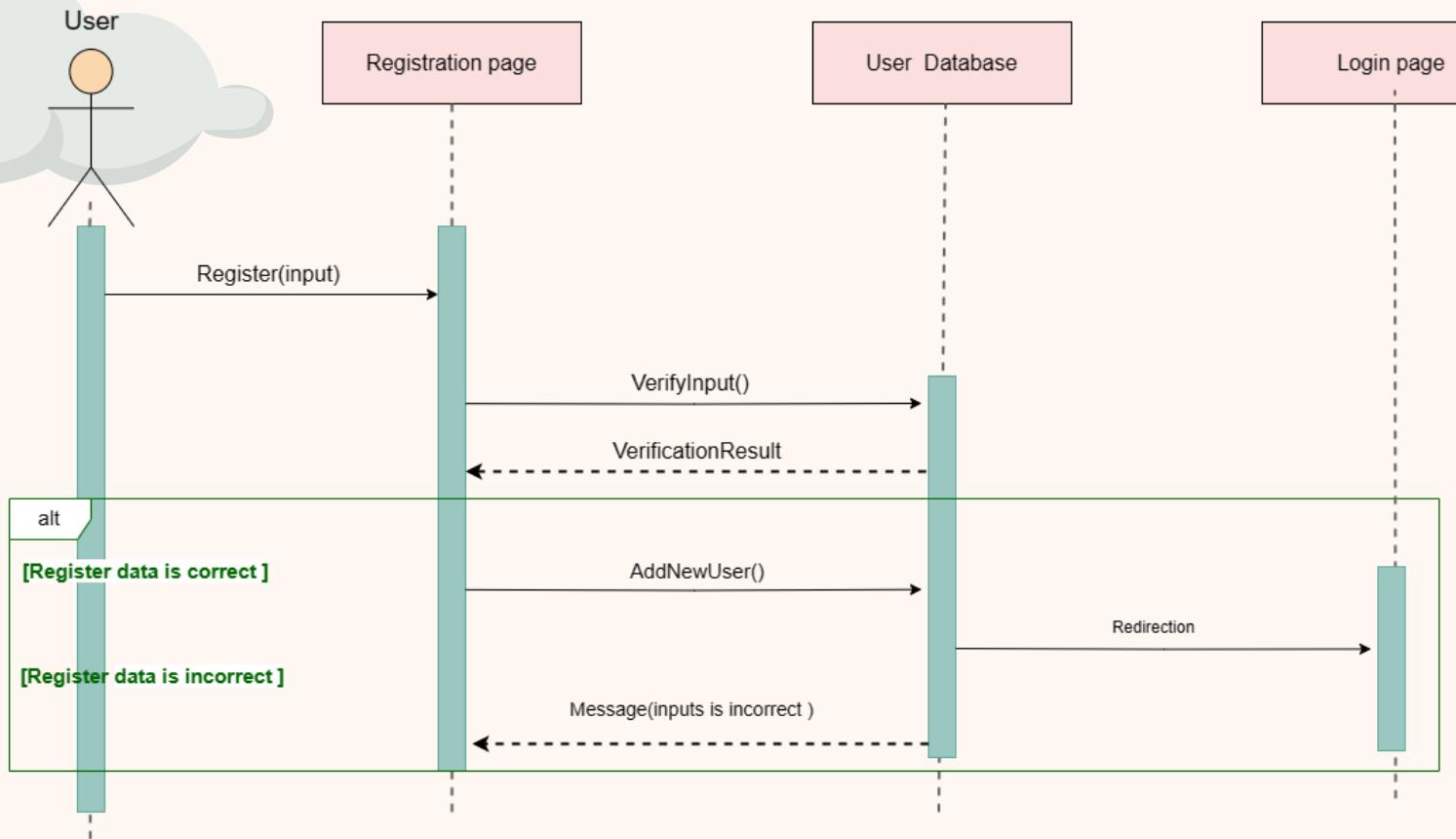


6

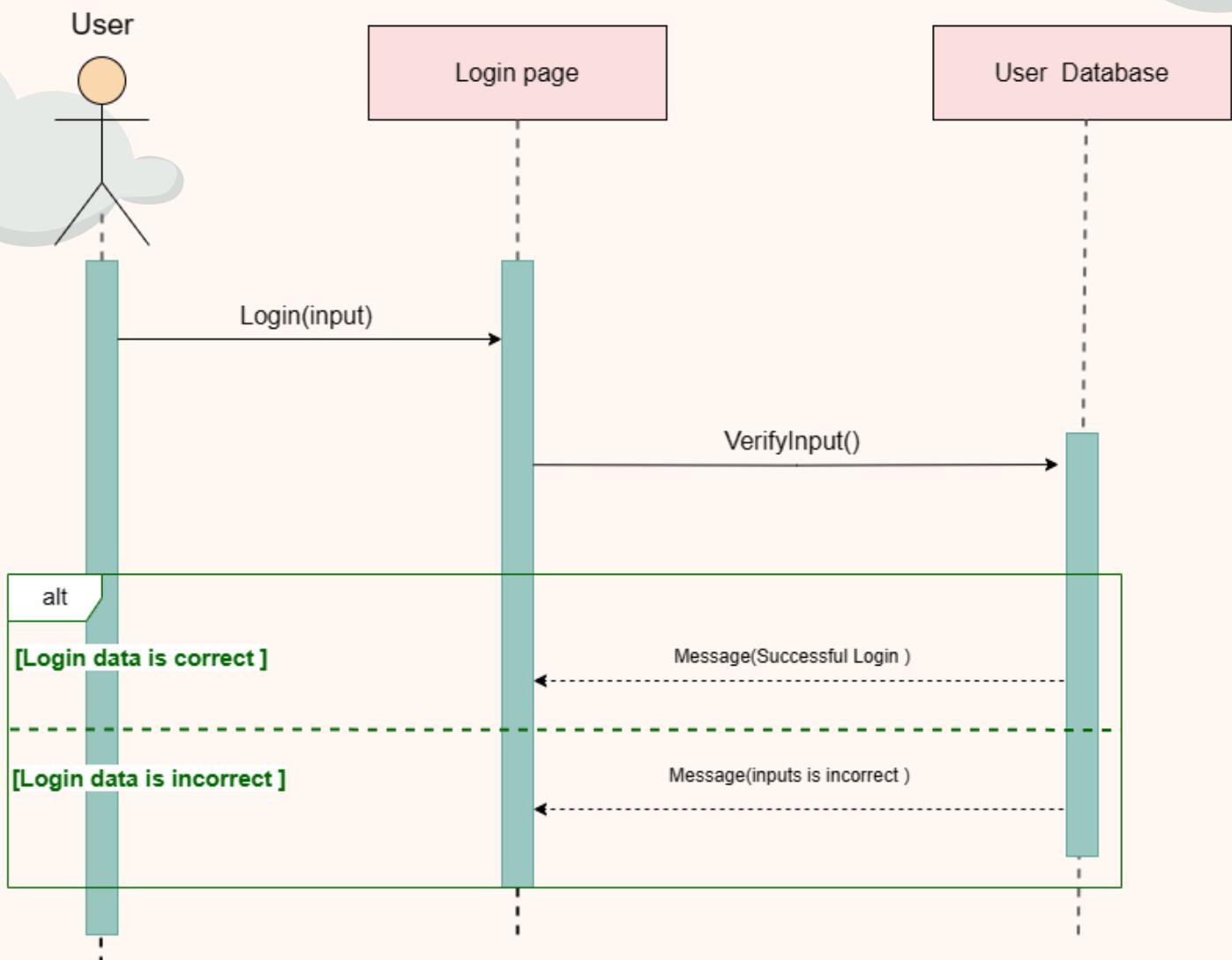
Sequence Diagram



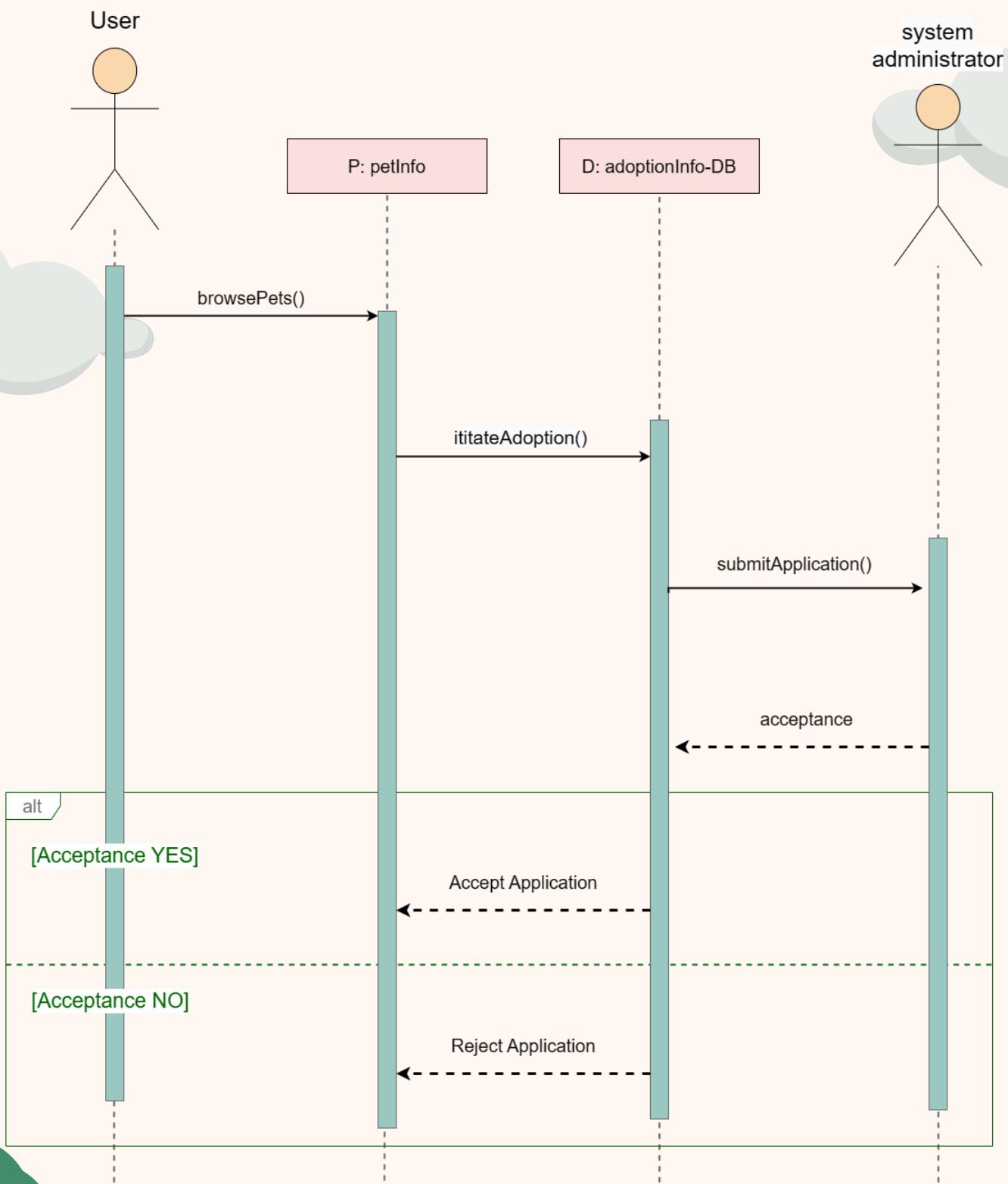
Sequence Diagram (Sign up)



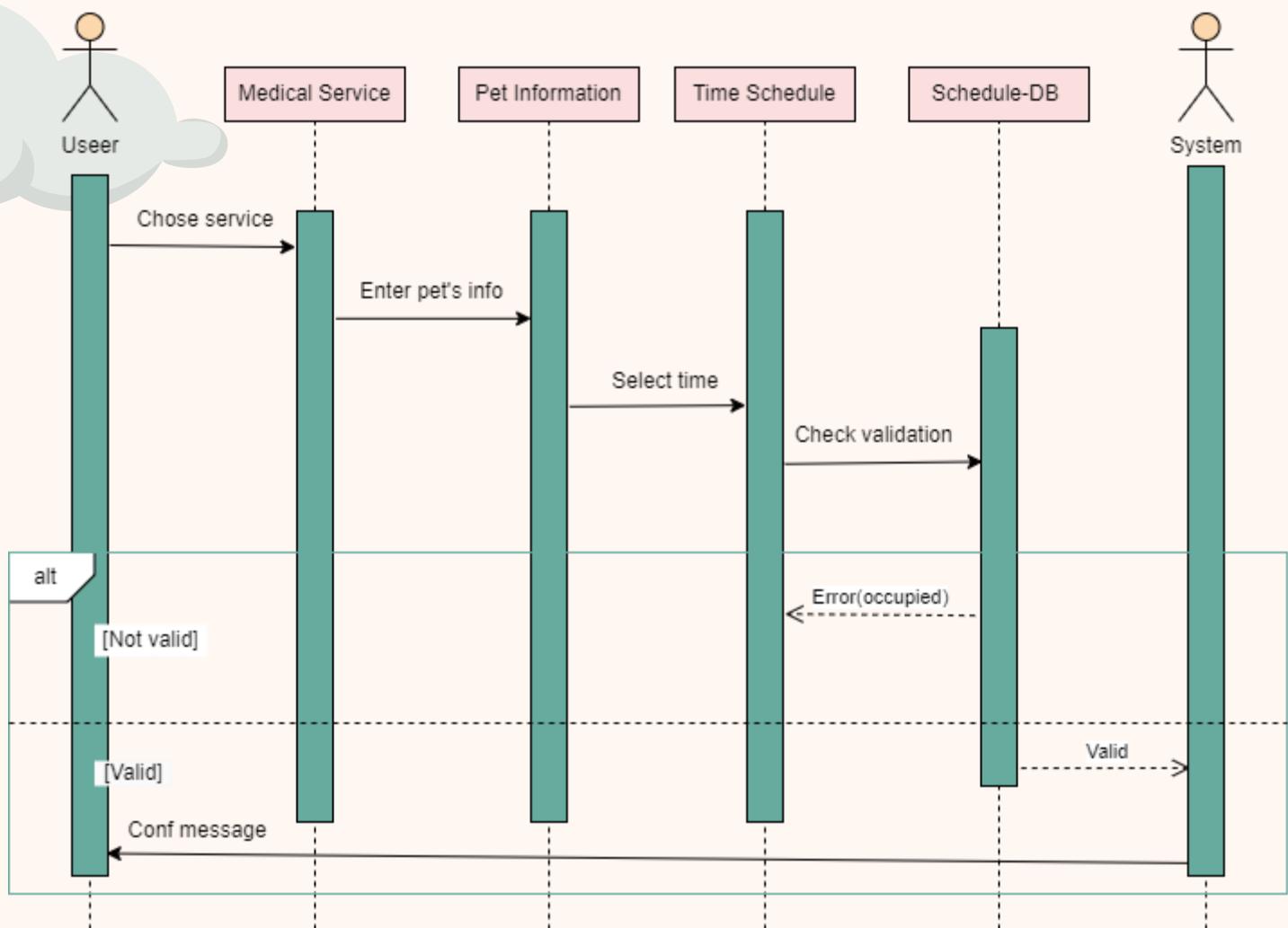
Sequence Diagram (Sign in)



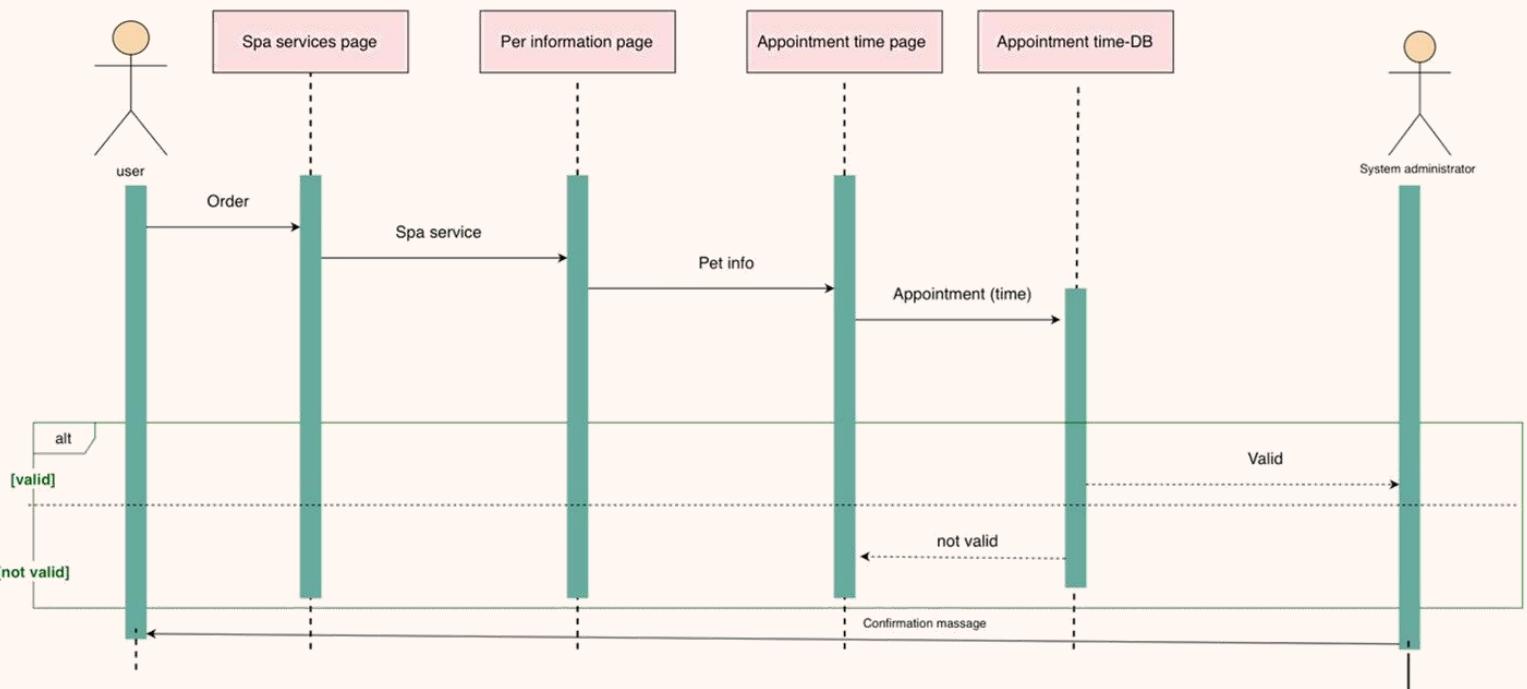
Sequence Diagram (Adoption)



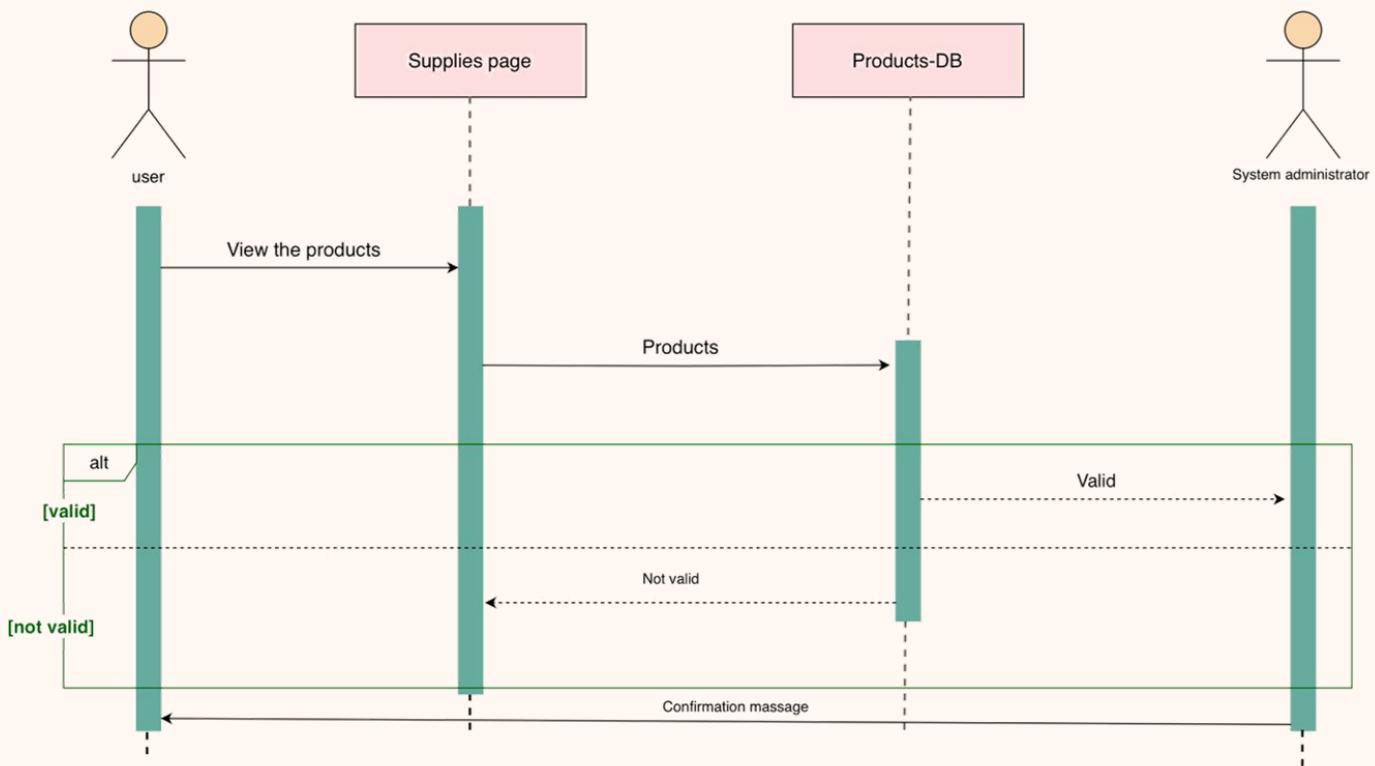
Sequence Diagram (Medical services)



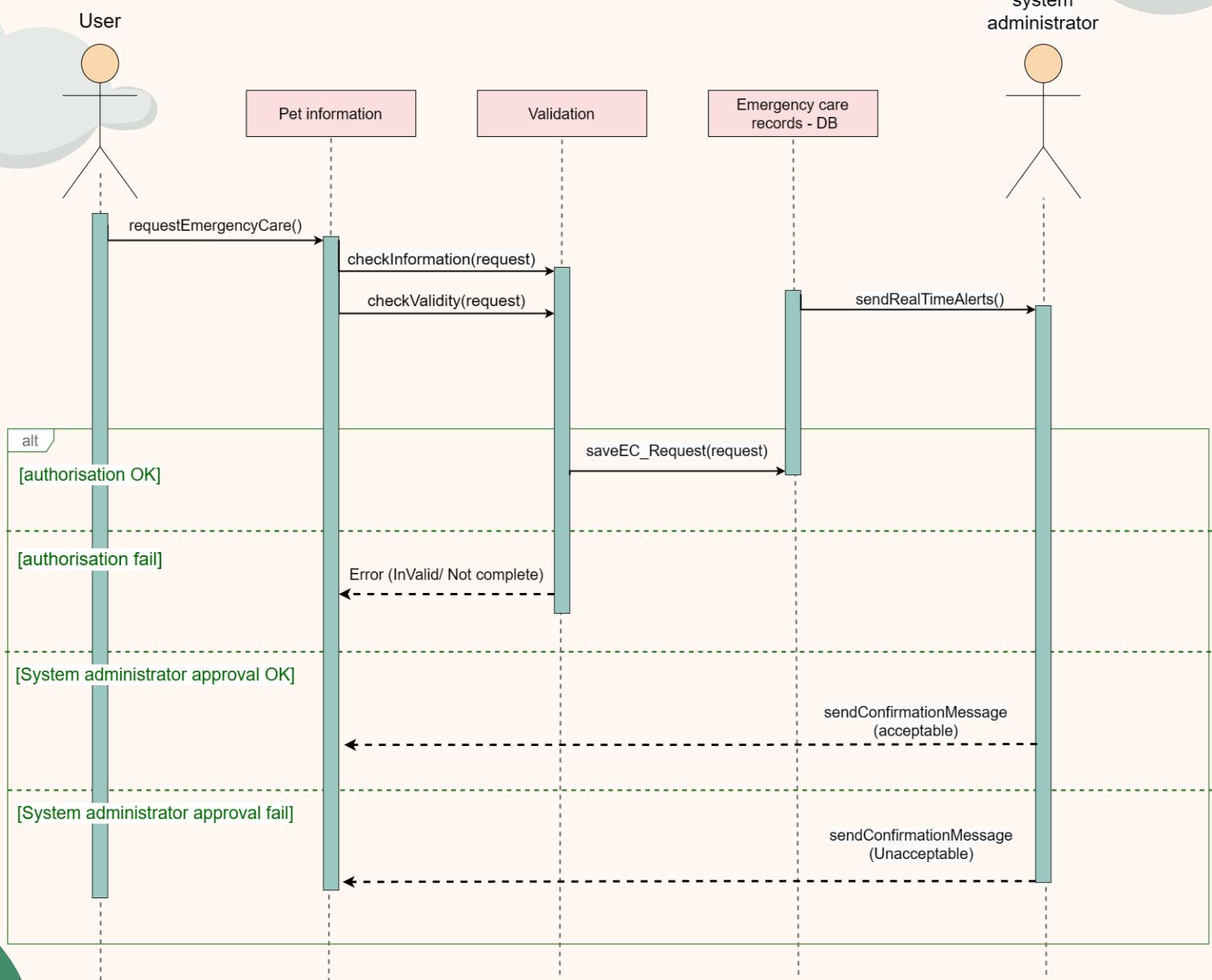
Sequence Diagram (pet spa)

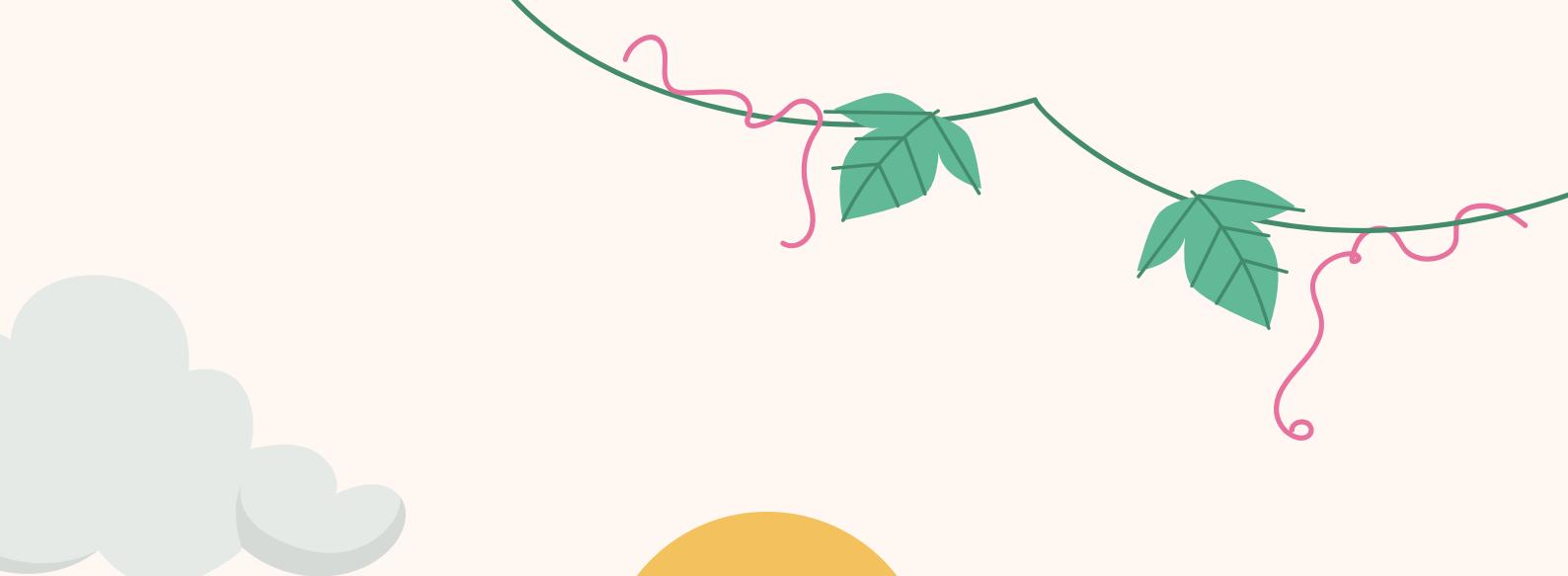


Sequence Diagram (Supplies shop)



Sequence Diagram (Emergency care)





05

Design Stage

Prototype

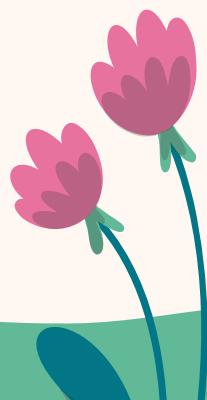


HAPPY TAILS!

Home Adoption Clinic Spa Shop Emergency Volunteering

SIGN UP

LOGIN







Sign up

To Happy Tails

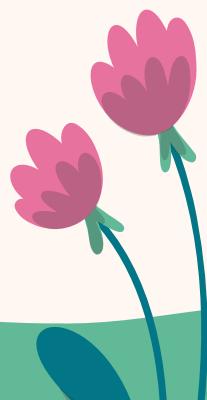
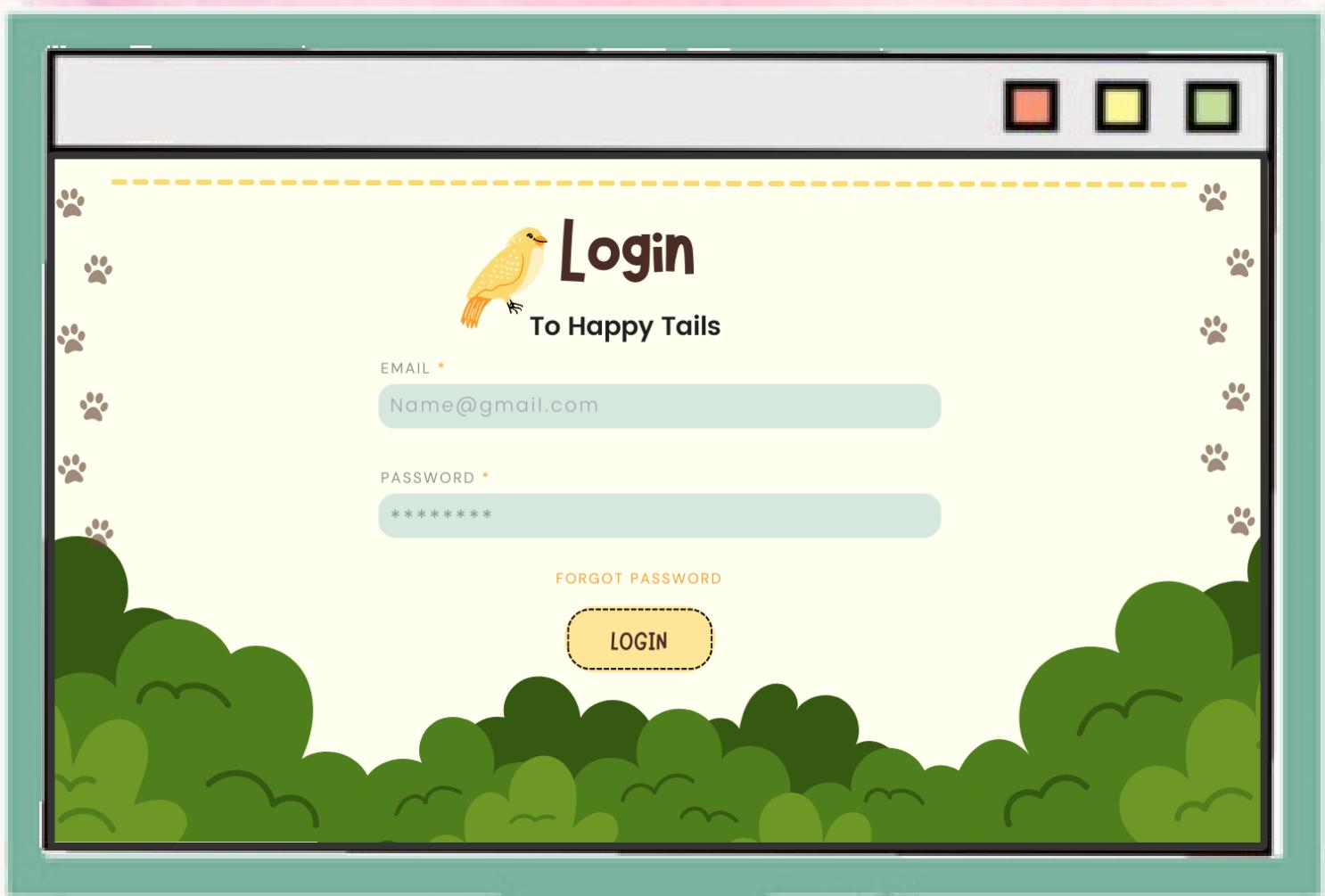
ALREADY REGISTERED? [LOG IN HERE.](#)

FIRST NAME *

LAST NAME *EMAIL *GENDER *DATE OF BIRTH *PASSWORD *PASSWORD CONFIRMATION *

SIGN UP







Choco
Toy Poodle dog

Finn
Khao Manee Cat

Bread
Cavapoo Dog

Mau
Ragdoll Cat

Milk
Japanese Bobtail cat

Lazy
Shin Tzu Cat

63

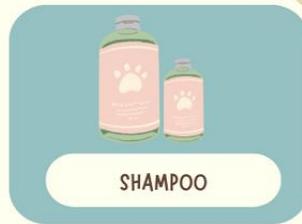
MEDICAL SERVICES



SPA SERVICES



SUPPLIES SHOP

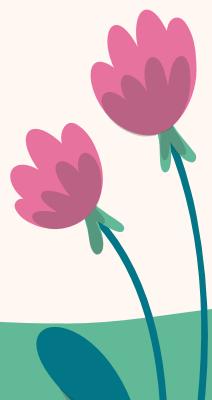




The application interface features a title 'EMERGENCY CARE' in red capital letters, accompanied by a stylized bird icon in flight. Below the title are several input fields:

- Address
- Pet type
- Phone number
- Pet status
- Time of your sighting of pet
- Pet photos

A central button labeled 'Request Emergency care' is followed by a small illustration of a person holding a cat next to a first aid kit.





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CHAPTER 2

Design phase



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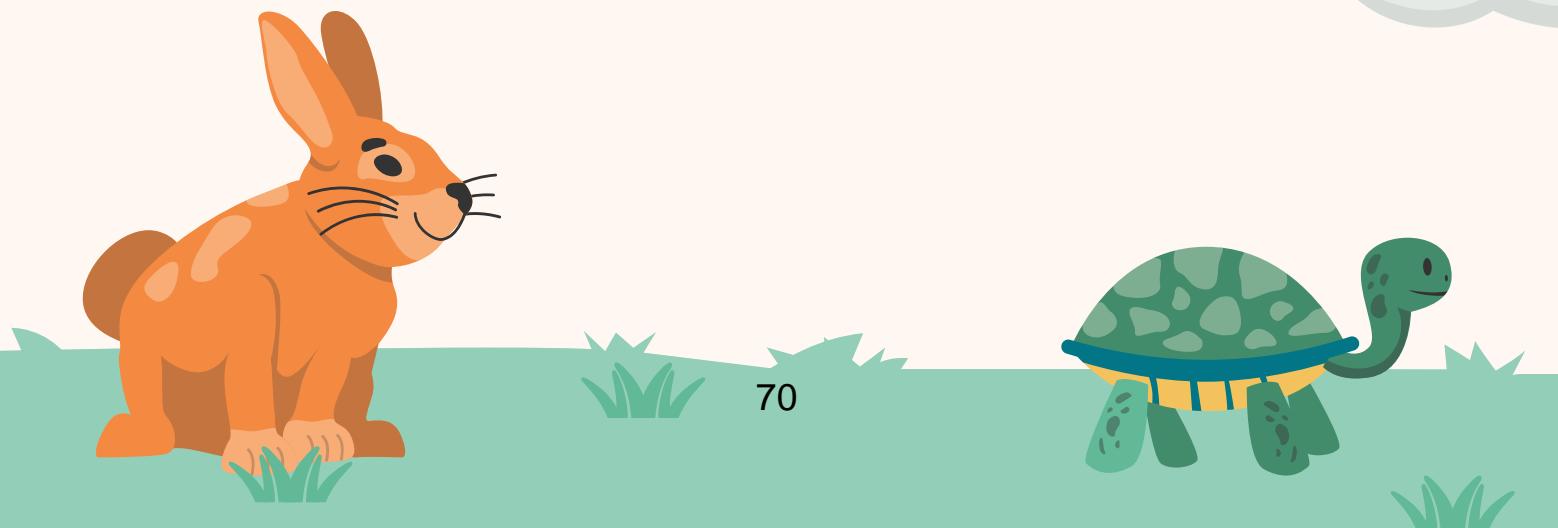
Task Table

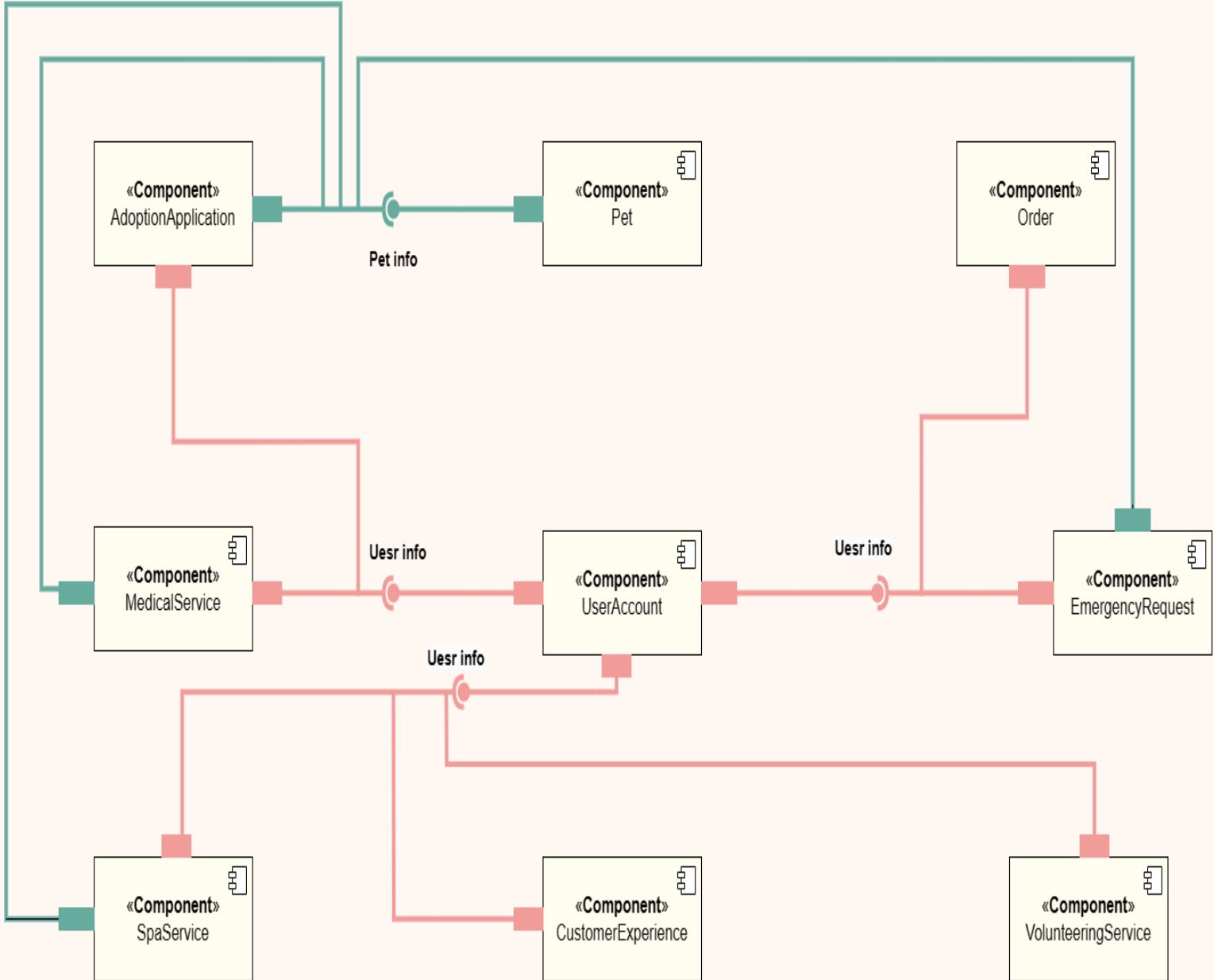
Task	Group members				
	Murooj Alzahrani	Sarah Al-Oufi	Manar Al-mashi	Lamis Mohammed	Wejdan Alshareef
Component Design	✓	✓	✓	✓	✓
Interface Design	✓	✓	✓	✓	✓
Architectural design	✓	✓	✓	✓	✓
Data Storage Design	✓	✓	✓	✓	✓



01

Component Design (high level)





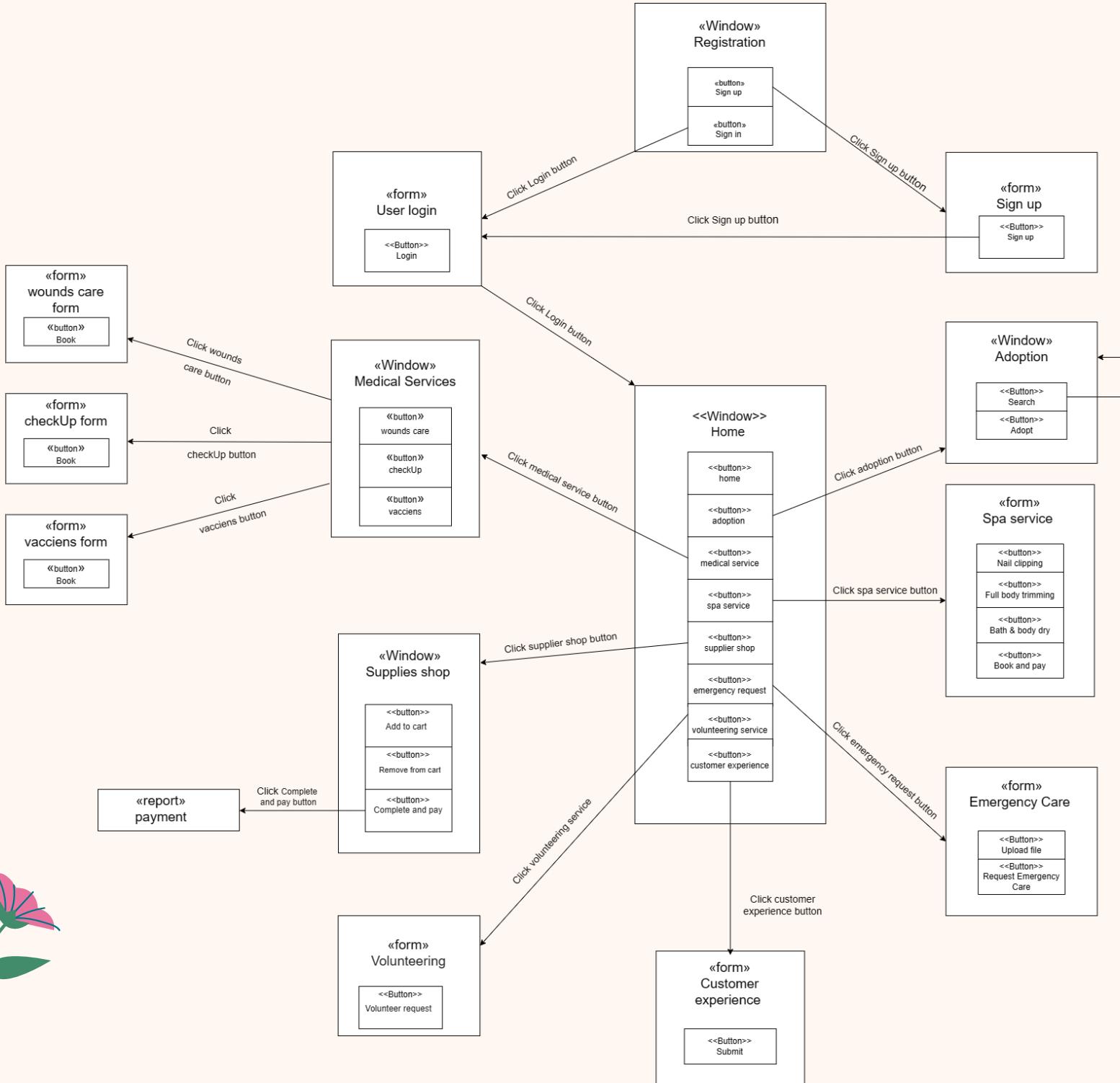


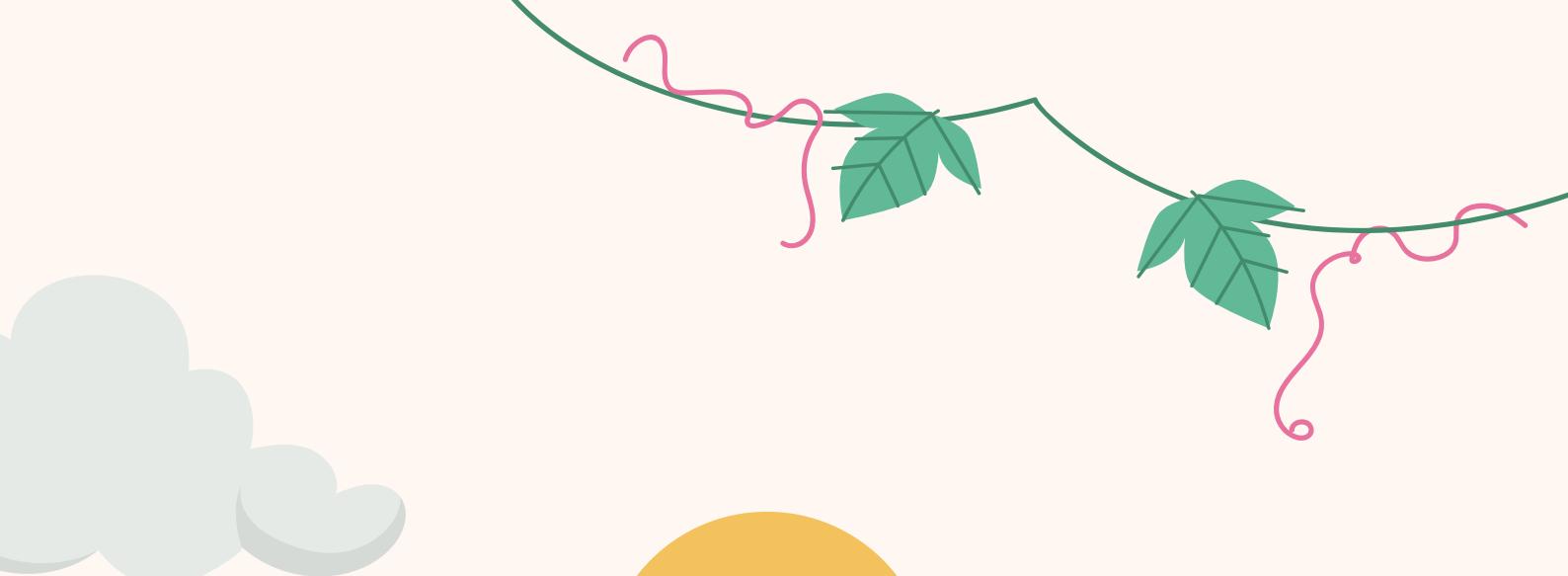
02

Interface Design

■ Windows Navigation diagram (WND)

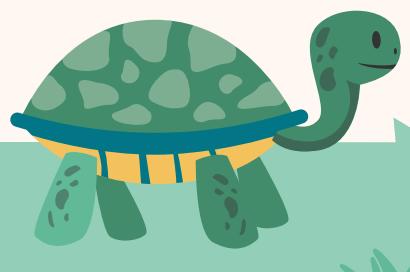


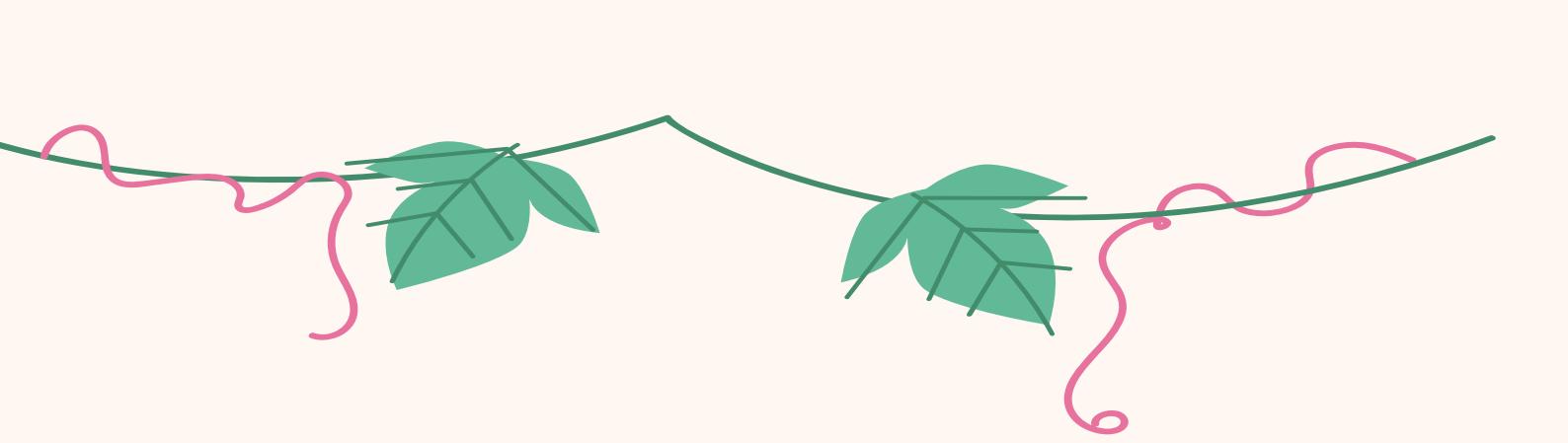




03

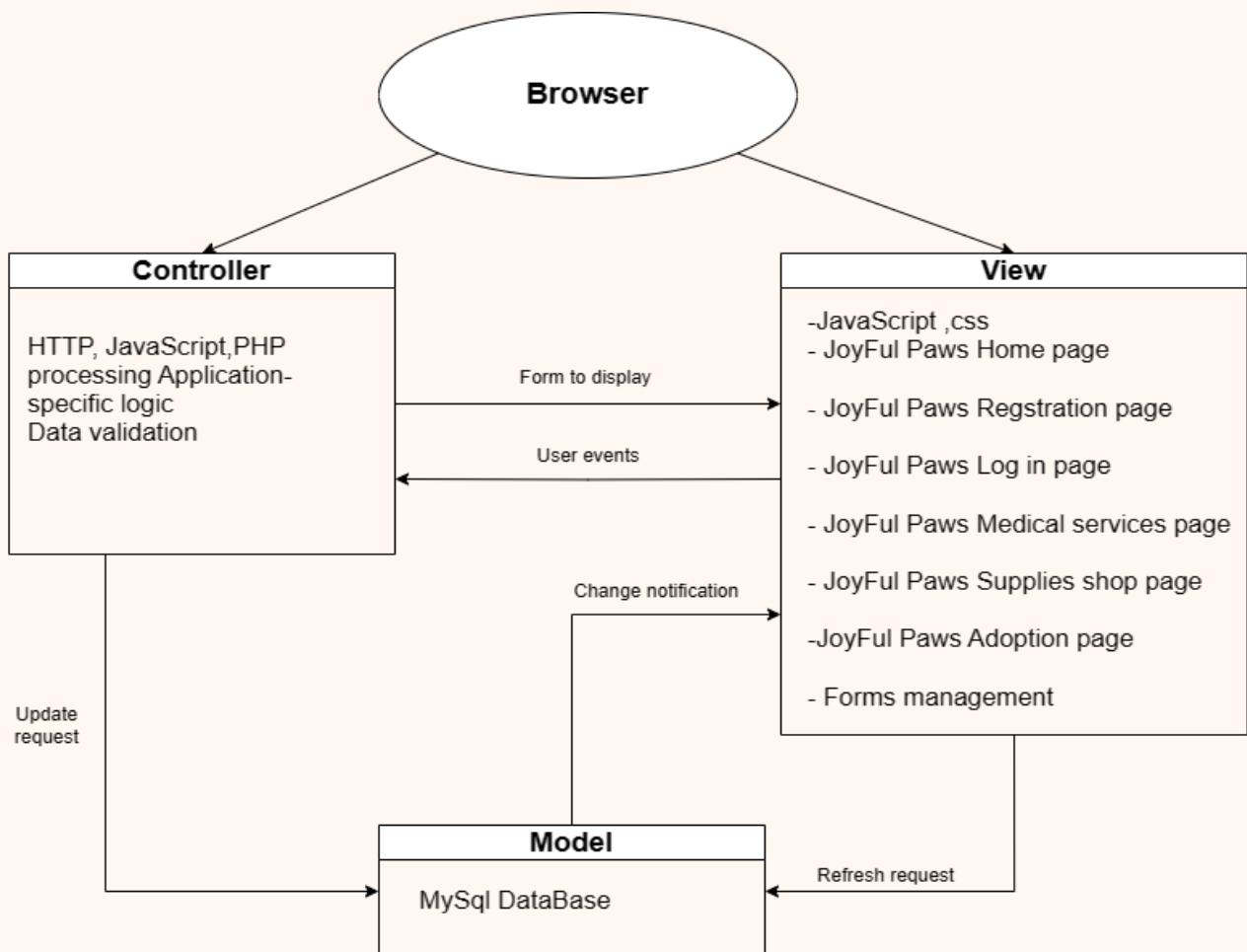
Architectural design





MVC (software architecture)

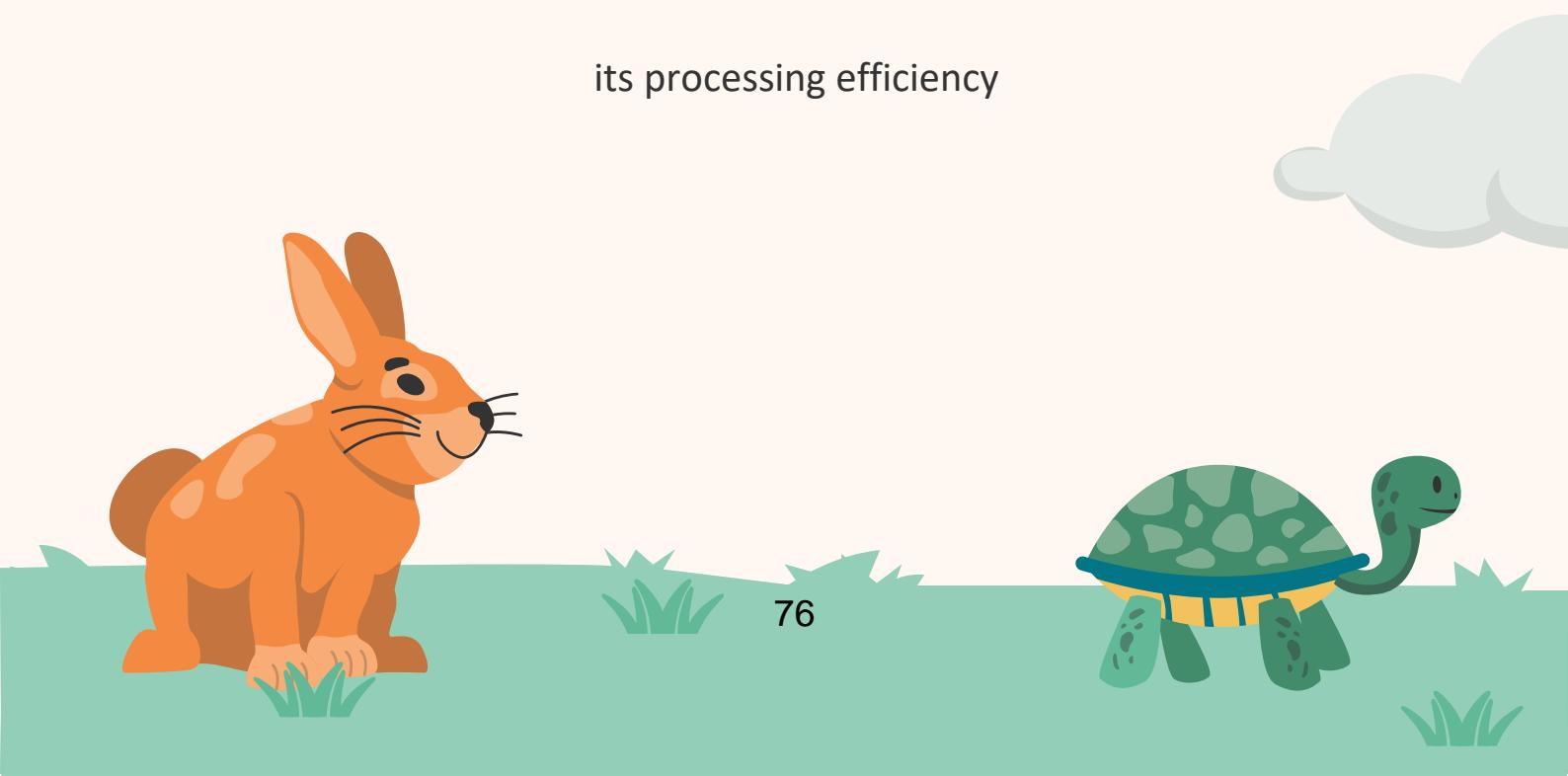
- Multiple developers can work simultaneously on the model, controller and views
- MVC is generally simple to understand and maintain and is widely applicable.
- The separation of concerns makes it easier to maintain and extend existing code, as well as allowing developers to work on different parts of an application simultaneously

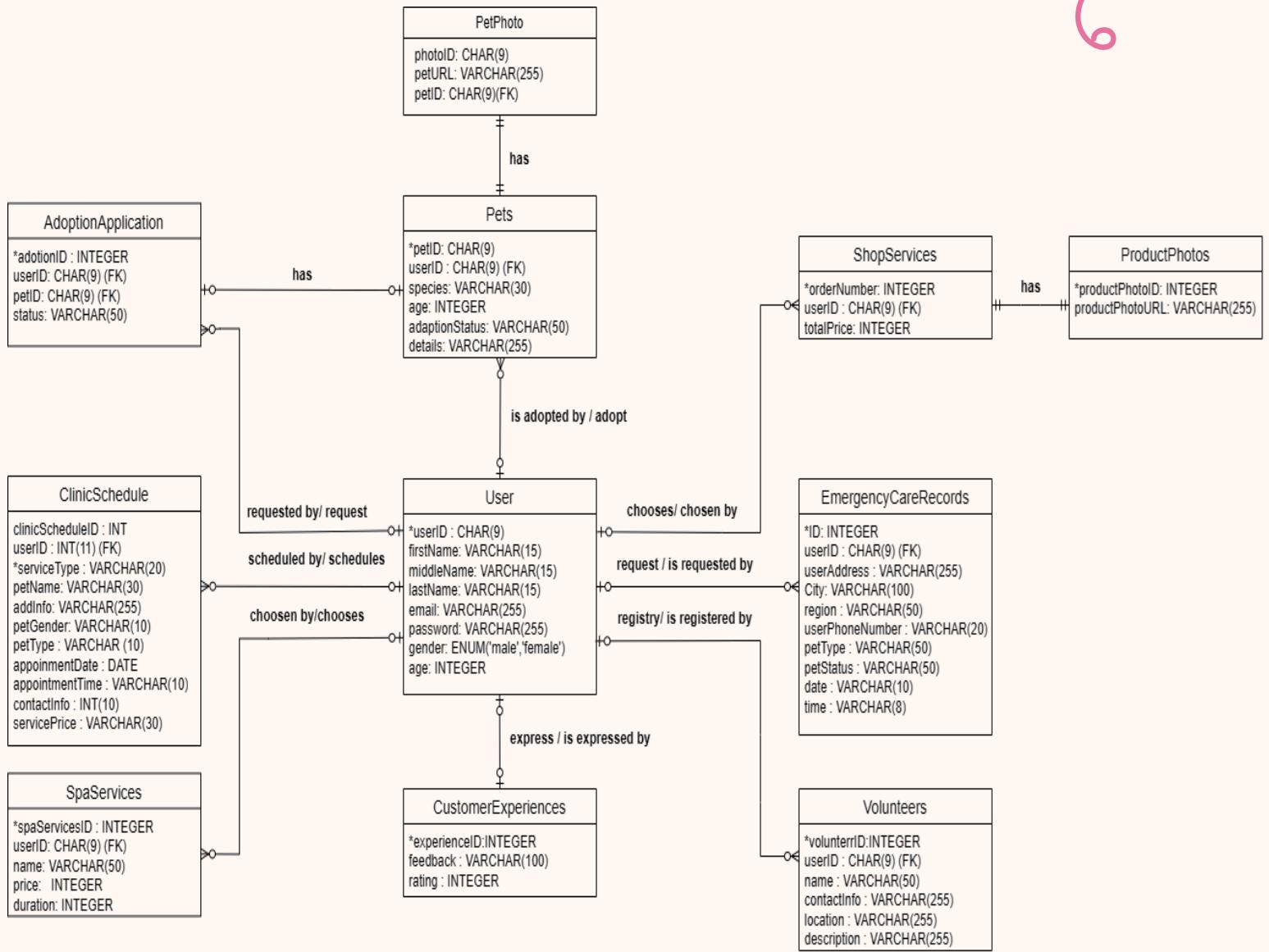


04

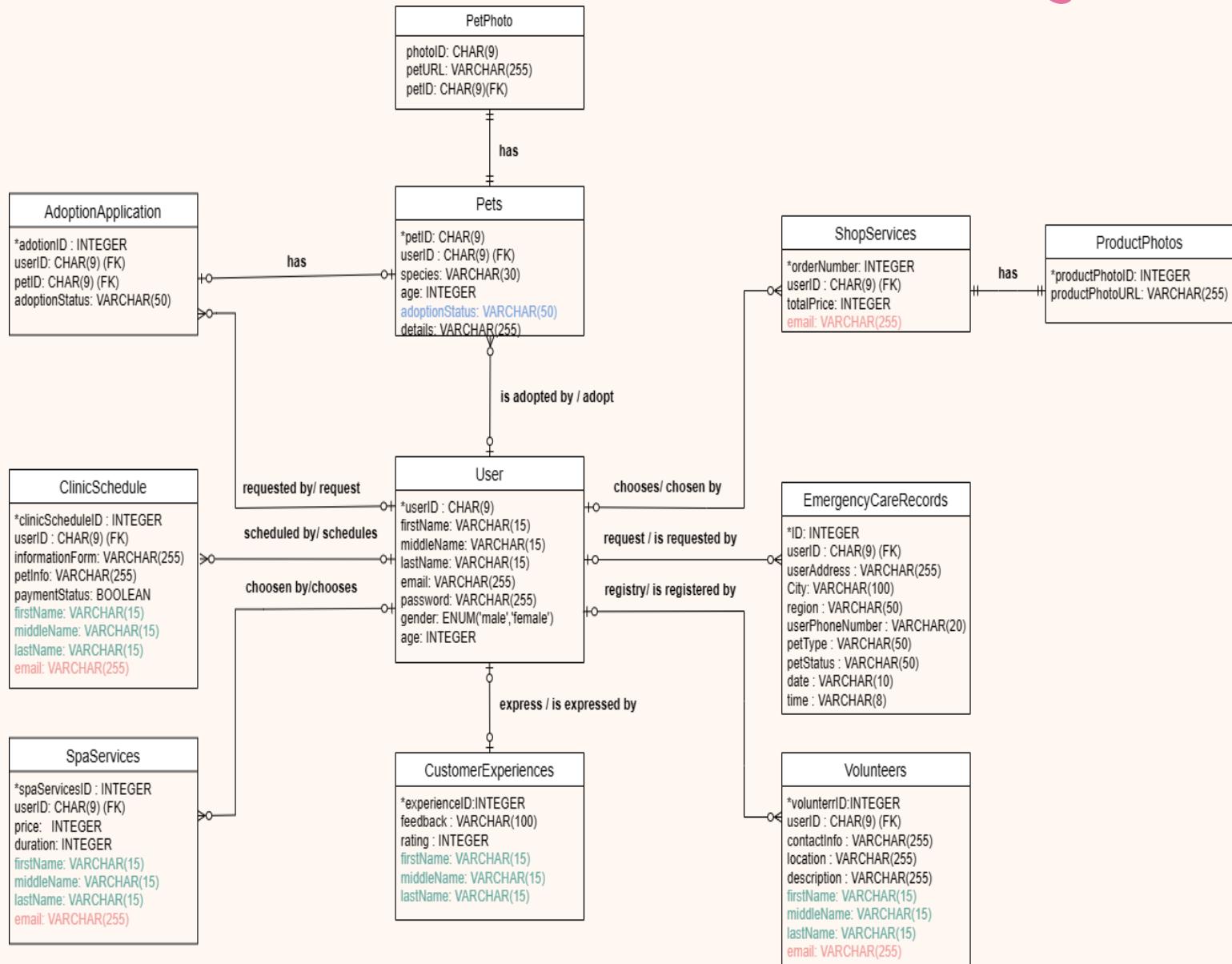
Data Storage Design

- a. Create ERDs (with primary and foreign keys)
- b. The above ERD should be designed to optimize its processing efficiency





Denormalization

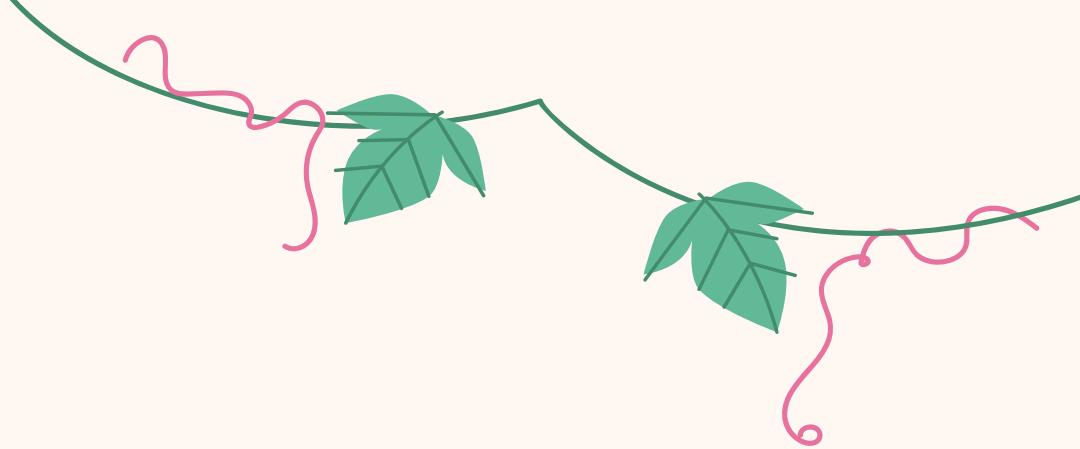




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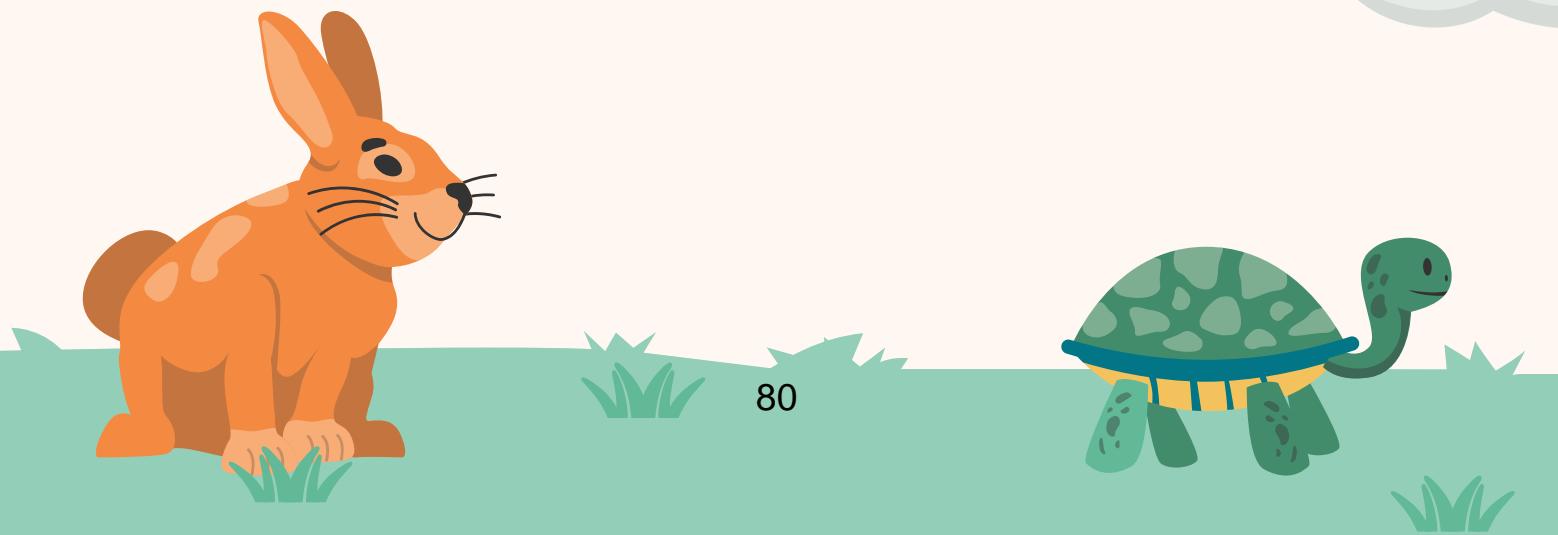
CHAPTER 3

Implementation



01

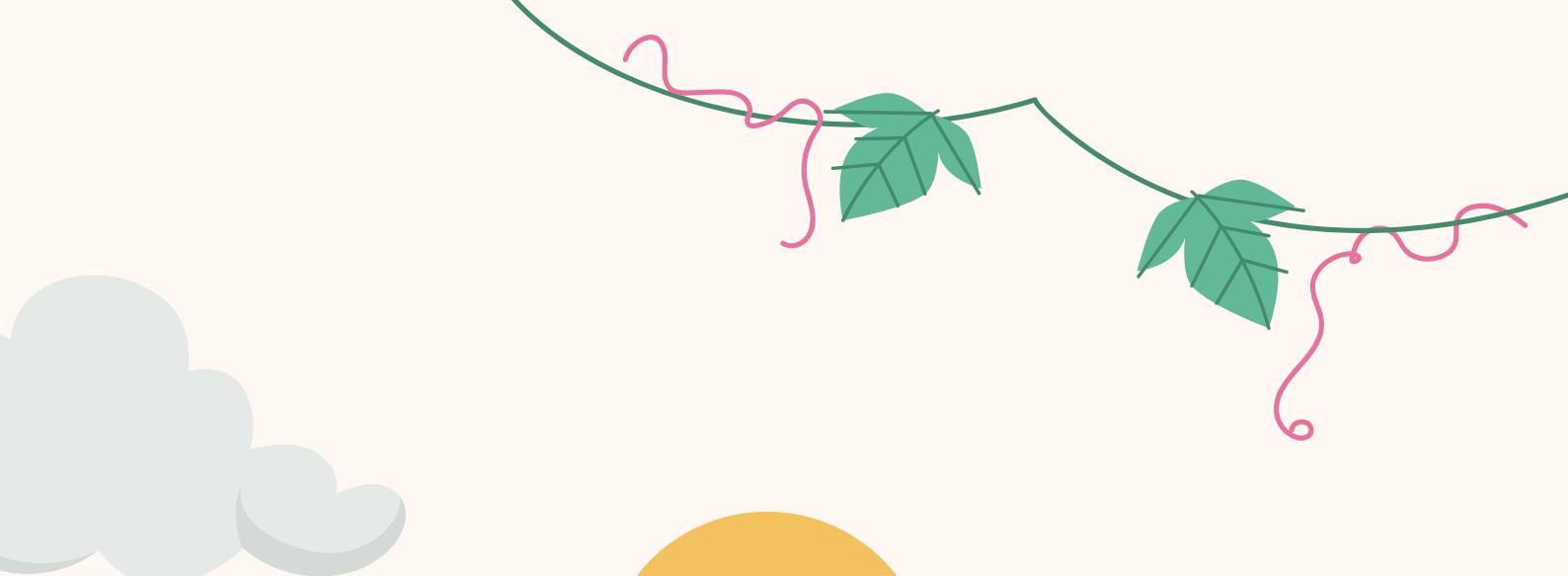
Task Table





Task Table

component	Group members				
	Murooj Alzahrani	Sarah Al-Oufi	Manar Al-mashi	Lamis Mohammed	Wejdan Alshareef
Sign up	✓				
Sign in	✓				
Adoption					✓
Medical services		✓			
Supplies shop	✓				
Emergency care				✓	
Users experiences			✓		



02

Name of implementations software/programming language

Software :

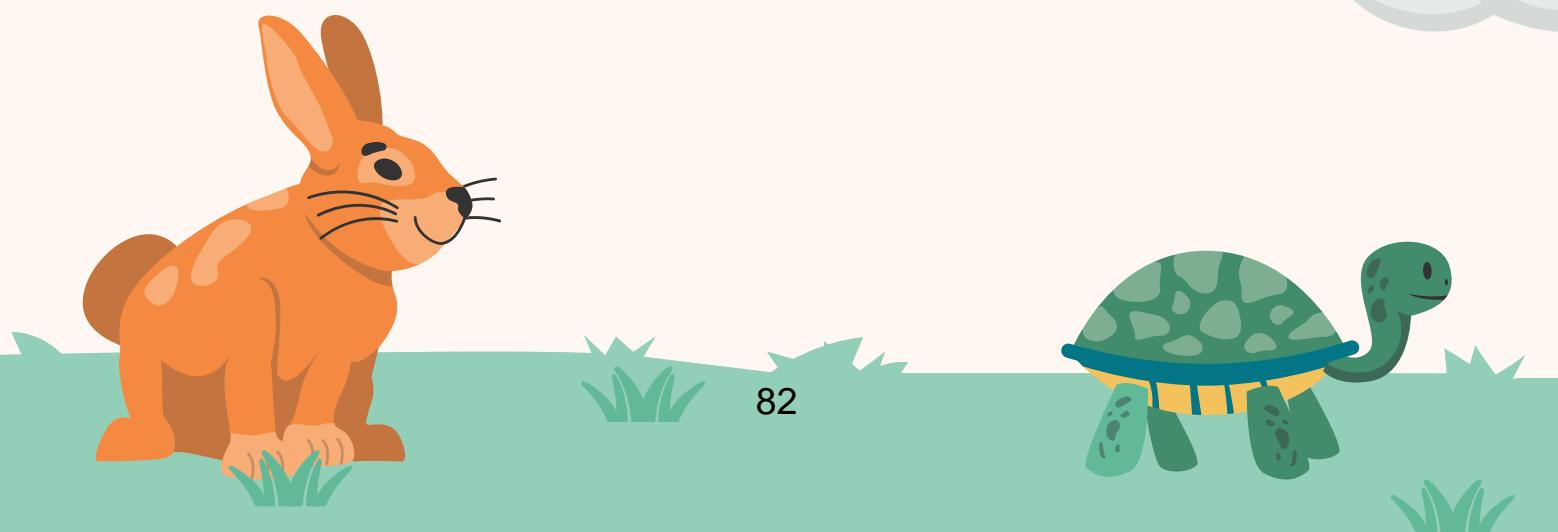
Visual studio code

programming language :

- HTML

-JavaScript

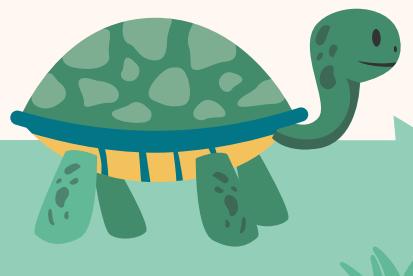
-PHP





03

Prototype of the interface



Registration page

The registration page for Joyful Paws features a top navigation bar with the logo "JOYFUL PAWS" and links for "About", "Service", and "Contact Us". Below the header is a main banner with the title "Welcome To Joyful Paws!" and a subtext about the website's purpose. A cartoon illustration of a rabbit standing in a field of flowers is on the right. The "About Joyful Paws" section contains a paragraph of text and a circular image of a brown dog sitting. The "Services" section is titled "Services" and shows six service icons: Adoption (cat in a box), Medical services (dog with a syringe), Pet spa (mouse in a tub), Supplies shop (bottle), Emergency care (cross), and Volunteering (person with a dog). The bottom section features a call-to-action "Join Us Today To Discover A World Of Services And Exclusive Offers" followed by "For Your Pets. Your Registration Is The First Step Toward A Better Experience!". It includes "Sign-Up" and "Login" buttons and a large illustration of a rabbit with a flower crown.

JOYFUL PAWS

About Service Contact Us

Welcome To Joyful Paws!

We are excited to be your trusted partner in providing the best care for your pets. Explore our website for all your pet needs, from food and toys to medical supplies and grooming services.

About Joyful Paws

We are here to be your ideal partner in taking care of your pets. Whether you're looking for medical or hygiene care services, or you need specialized supplies for your pet, you've come to the right place! Our goal is to meet the needs of all pets, from food and toys to medical products. But there's more. If you're looking to welcome a new friend into your family, you can browse through our collection of pets that are in need of loving homes. We provide detailed information and photos to help you make the best choice.

Services

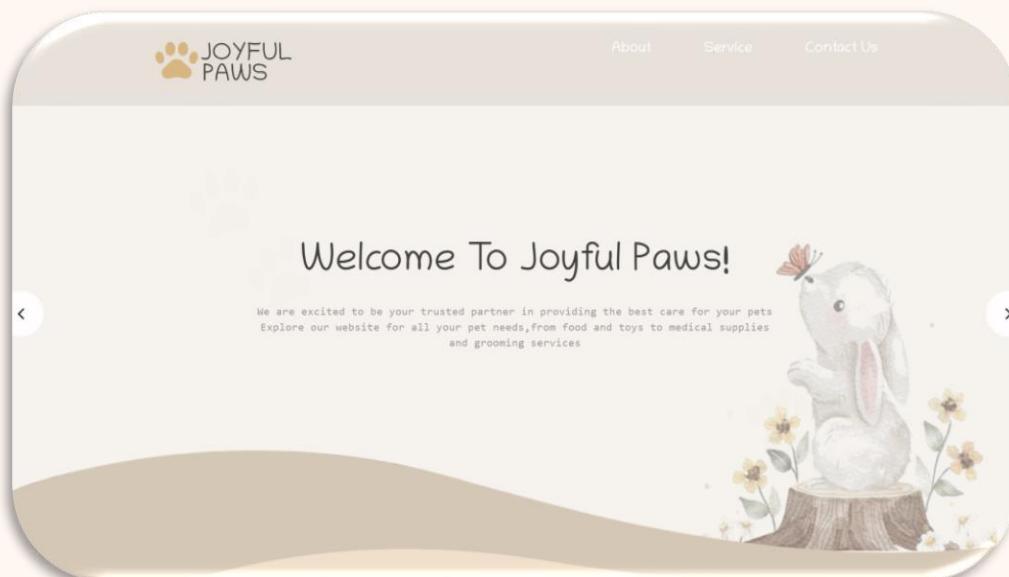
Our website offers a wide range of services to meet all your pet care needs.

Adoption	Medical services	Pet spa
Supplies shop	Emergency care	Volunteering

Join Us Today To Discover A World Of Services And Exclusive Offers
For Your Pets. Your Registration Is The First Step Toward
A Better Experience!

Sign-Up Login

Registration page (cont.)



Registration page code (cont.)

```
<div class="carousel-item active">
  
  <div class="container">
    <div class="carousel-caption relative">
      <h2 style =" font-size:60px;">Welcome to Joyful Paws!</h2>
      <p>We are excited to be your trusted partner in providing the best care for your pets <br>
         Explore our website for all your pet needs, from food and toys to medical supplies<br>
         and grooming services </p>
    </div>
  </div>
</div>
<div class="carousel-item">
  
  <div class="container">
    <div class="carousel-caption relative">
      <h2 style =" font-size:60px;">Welcome to Joyful Paws!</h2>
      <p>Whether you're a new pet owner or a seasoned enthusiast, we have everything <br>
         you need to keep your pets happy and healthy. Check out our adoption<br>
         section to find a new furry friend to join your family! </p>
    </div>
  </div>
</div>
<div class="carousel-item">
  
  <div class="container">
    <div class="carousel-caption relative">
      <h2 style =" font-size:45px;">Discover the Joy of Pet Ownership</h2>
      <p>Joyful Paws, we believe in providing valuable resources for pet owners. <br>
         Our website is your one-stop shop for all things pet-related. Explore our<br>
         content and find what you need to give your pets the best life possible. </p>
    </div>
  </div>
</div>
```

Code details:

This code creates a set of welcome images at the top of the page and allows the user to navigate between them

Code details:

This code displays information about the site

```
<!-- about -->
<div id="about" class="about_top_layer">
  <div class="container">
    <div class="row">
      <div class="col-md-12">
        <div class="titlepage">
          <h2>About Joyful Paws </h2>
          <span>We are here to be your ideal partner in taking care of your pets. Whether you're looking for<br>
             medical or hygiene care services, or you need specialized supplies for your pet, you've come to<br>
             the right place! Our goal is to meet the needs of all pets, from food and toys to medical products.<br>
             But there's more. If you're looking to welcome a new friend into your family, you can browse through <br>
             our collection of pets that are in need of loving homes. We provide detailed information and photos <br>
             to help you make the best choice.<br>
          </span>
        </div>
      </div>
    </div>
  </div>
```

Code details:

This code provides two buttons to go to the registration pages

```
<div id="testimonial" class="testimonial">
  <div id="myCarousel" class="carousel slide banner-main" data-ride="carousel">
    <div class="carousel-inner">
      <div class="carousel-item active">
        
        <div class="container">
          <div class="carousel-caption relative2" >
            <span>
              <h2>
                Join us today to discover a world of services
                and exclusive offers <br><br> for your pets.
                Your registration is the first step toward<br><br>
                a better experience!
              </h2>
            </span>
            <br><br><br>
            <a href="SignUp.php" > <h2 style="top: 8px; color: #F7F7F7; font-size:20px">Sign-Up </h2></a>
            <a href="Login.php" > <h2 style="top: 8px; color: #F7F7F7; font-size:20px">Login </h2></a>
          </div>
        </div>
      </div>
    </div>
  </div>
```

Sign up

Sign Up

First Name	Middle Name	Last Name
Your Email		
Your Age	Select Gender	
Password		
Confirm Password		

Sign Up

Already have an account? [Login here](#)



Sign up code (cont.)

Code details:

This code is the sign-up form

```
<!-- Signup Form -->
<section class="signup" style="font-family:monospace;">
<div class="container">
  <div class="signup-content">
    <div class="signup-form" style="font-family: monospace;">
      <h2 class="form-title" >Sign Up</h2>
      <form method="POST" class="register-form" id="register-form" novalidate action="insert.php">
        <!-- First row: First Name, Middle Name, Last Name in a single row -->
        <div class="form-group row">
          <div class="input-group">
            <label for="first-name"><i class="zmdi zmdi-account material-icons-name"></i></label>
            <input type="text" id="first-name" placeholder="First Name" name='firstName' required>
          </div>
          <div class="input-group">
            <label for="middle-name"><i class="zmdi zmdi-account material-icons-name"></i></label>
            <input type="text" id="middle-name" placeholder="Middle Name" name='middleName' required>
          </div>
          <div class="input-group">
            <label for="last-name"><i class="zmdi zmdi-account material-icons-name"></i></label>
            <input type="text" id="last-name" placeholder="Last Name" name='lastName' required>
          </div>
        </div>
        <br>
        <!-- Second row: Email -->
        <div class="form-group">
          <label for="email"><i class="zmdi zmdi-email"></i></label>
          <input type="email" id="email" placeholder="Your Email" name='email' required>
        </div>
        <br>
        <!-- Third row: Gender and Age -->
        <div class="form-group row">
          <div class="input-group" style="margin-right: 60px;">
            <label for="age"><i class="zmdi zmdi-calendar"></i></label>
            <input type="number" name="age" id="age" placeholder="Your Age" min="0" required>
          </div>
        </div>
      </form>
    </div>
  </div>
</section>
```

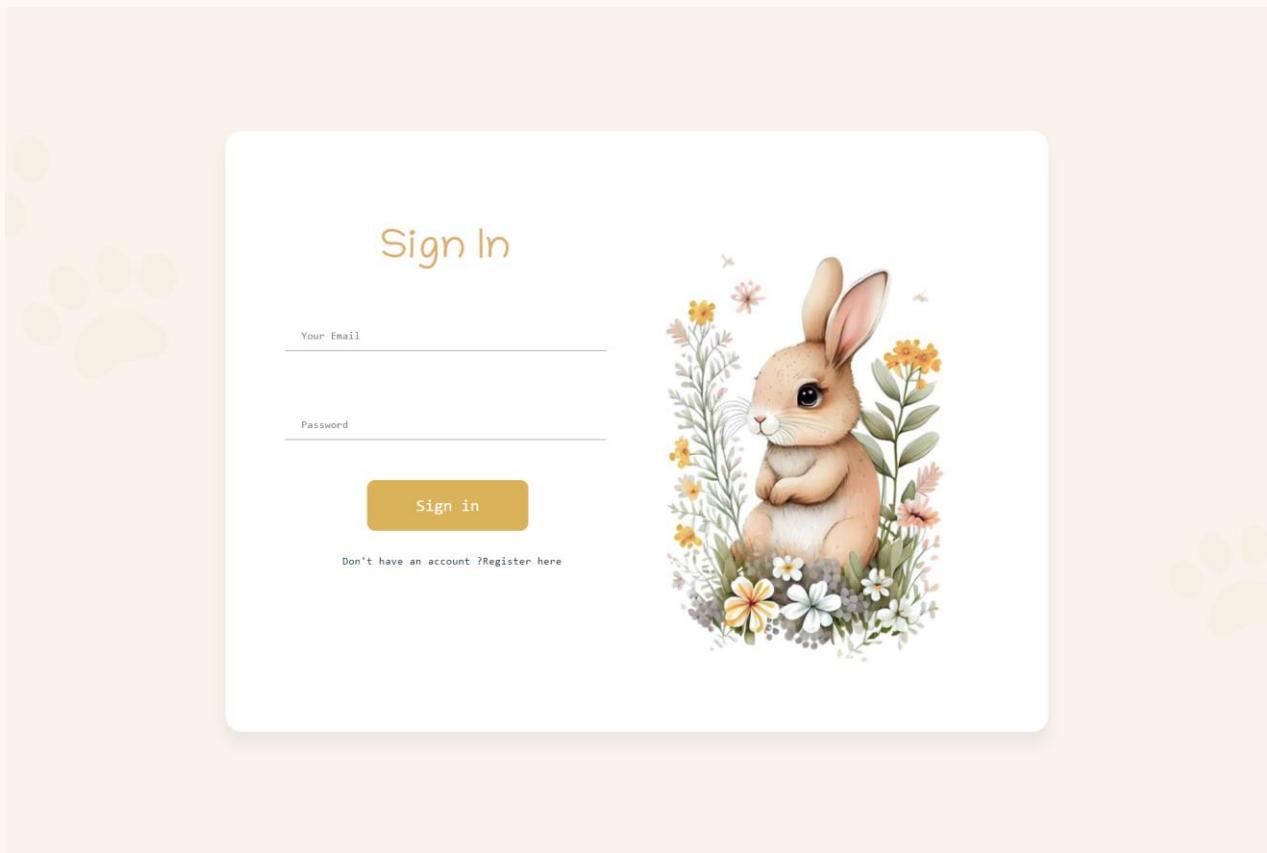
Ln 522, Col 26 Spaces: 2 UTF-8 CR

```
<div class="input-group">
  <label for="gender"><i class="zmdi zmdi-male-female"></i></label>
  <select id="gender" name="gender" required>
    <option value="" disabled selected>Select Gender</option>
    <option value="male">Male</option>
    <option value="female">Female</option>
  </select>
</div>
</div> <br><br>
<div class="form-group">
  <label for="pass"><i class="zmdi zmdi-lock"></i></label>
  <input type="password" name="password" id="pass" placeholder="Password" required>
</div>
<br>

<div class="form-group">
  <label for="re-pass"><i class="zmdi zmdi-lock-outline"></i></label>
  <input type="password" name="re_pass" id="re_pass" placeholder="Confirm Password" required>
</div>

<div class="form-group form-button">
  <input type="submit" name="signup" id="signup" class="form-submit" value="Sign Up"/>
</div>
<p style="margin-left: 50px;">Already have an account?<a href="Login.php" id="switch-to-login">Login here</a></p>
</form>
</div>
<div class="signup-image">
  <figure></figure>
</div>
</div>
```

Sign in



Code details:

This code is the sign-in form

```
<!-- Sign in Form -->
<section class="signup" style="font-family:monospace;">
    <div class="container">
        <div class="signin-content">
            <div class="signin-form" style="font-family: monospace;">
                <h2 class="form-title" >Sign in</h2>
                <form method="POST" class="Login-form" id="Login-form" novalidate action="insert.php">

                    <div class="form-group">
                        <label for="email"><i class="zmdi zmdi-email"></i></label>
                        <input type="email" id="email" placeholder="Your Email" name ='email' required>
                    </div>
                    <br>
                    <!-- Fourth row: Password -->
                    <div class="form-group">
                        <label for="pass"><i class="zmdi zmdi-lock"></i></label>
                        <input type="password" name="password" id="pass" placeholder="Password" required>
                    </div>
                    <br>
                    <div class="form-group form-button">
                        <input type="submit" name="Login" id="Login" class="form-submit" value="Sign in"/>
                    </div>

                    <p style="margin-left: 70px;">Don't have an account ?<a href="SignUp.php" id="switch-to-login">Register here</a></p>
                </form>
            </div>
            <div class="signin-image">
                <figure></figure>
            </div>
        </div>
    </div>
</section>
```

Home Page

The screenshot displays the homepage of the Joyful Paws website, featuring a light beige background with green and pink decorative elements at the top and bottom.

Header: A navigation bar at the top includes links for "WELCOME & Share Your Experience and Rate Us", "Share Now", "JOYFUL PAWS" logo, and categories like "Home", "About Us", "Services", "Supplies shop", "Customer experiences", and "JOIN US". Social media icons for Facebook, Twitter, YouTube, and Instagram are also present.

Main Hero Section: A large image of a brown dog sitting and holding a small striped pillow. To its right, the text reads "Best Destination For Pampering Your Pets!" with a "SPOIL YOUR PET WITH A SPA SESSION →" button below it. Below the main image is a circular navigation menu with three dots.

Services Section: The text "Because Your Pet's Happiness Matters. Discover Our Services:" is followed by six service icons: Medical Services (stethoscope), Supplies Shop (shopping cart), Emergency Care (ambulance), Volunteering (handshake), Adoption (cat silhouette), and Spa Service (starburst).

Call-to-Action Section: A large image of a small dog wearing a red harness, with the text "'Create Memories With Your Pet :)'".

Quality Assurance Section: Four circular icons represent "Free Delivery", "100% Secure Payment", "Quick Response", and "Quality Guarantee".

Informational Sections: "Learn More About Our Site" and "JOYFUL PAWS".

About Us: A section describing the mission of Joyful Paws, emphasizing their dedication to creating a community that celebrates the love and care of pets.

Our Mission: A section detailing the mission of Joyful Paws, stating that they believe pets are more than just animals; they're cherished members of our families. Their mission is to provide pet owners with the resources and support they need to ensure their pets live happy, healthy lives.

Testimonials: A quote from Dr. John Smith of HappyTails Veterinary Clinic, followed by a circular navigation menu with three dots.

Image Grid: A row of six smaller images showing various pets: a cat in a red bow tie, a cat on a bed, a dog looking up, two dogs walking, a dog on a scale, and a cat on a scratching post.

Footer: The footer contains the Joyful Paws logo, a newsletter sign-up form, quick links (Home, About us, Services, Customer experiences, JOIN US), services (Pet spa, Adoption, Supplies shop, Medical services, Emergency care), and contact information (Phone: +91 9876543210, Email: JoyfulPawsGmail.Com). It also includes social media icons and a copyright notice: "© 2023 Wassy. All rights reserved." and "Free HTML Template by [TemplateJunkie](#)".

Home Page (cont.)

The screenshot shows the top navigation bar of the Joyful Paws website. It features a dark header with the text "WELLCOME! ▶ Share Your Experience and Rate Us!★" and a "Share Now" button. Below the header is the Joyful Paws logo, which includes a paw print icon and the text "JOYFUL PAWS". The main menu below the logo includes links for Home, About Us, Services, Supplies shop, Customer experiences, and JOIN US. Social media icons for Facebook, Twitter, Pinterest, Instagram, and YouTube are also present.

CODE DETAILS:

This code creates a welcome bar at the top of the page with a welcome message, a button to share experiences, and a close button. It also includes JavaScript to hide the bar when the close button is clicked.

```
1 <body>
2   <!-- Wellcome Bar start -->
3   <nav class="navbar navbar-expand-lg navbar-light bg-dark">
4     <div class="container">
5       <span class="navbar-text text-white-50 ">
6         WELLCOME! ▶ Share Your Experience and Rate Us!★
7       </span>
8       <a href="customerExperiences.php" class="btn btn-danger ml-3">Share Now</a>
9       <span class="close-button ml-3 text-white">X</span>
10    </div>
11  </nav>
12
13  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
14  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>
15  <!-- <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script> -->
16  <script>
17    document.querySelector('.close-button').addEventListener('click', function() {
18      document.querySelector('.navbar').style.display = 'none';
19    });
20  </script>
21  <!-- Wellcome Bar end -->
```

The screenshot shows the footer section of the Joyful Paws website. It features a grid layout with four columns. The first column contains the Joyful Paws logo and a newsletter sign-up form. The second column is titled "Quick Links" and lists links to Home, About us, Services, Customer experiences, and JOIN US. The third column is titled "Services" and lists Pet spa, Adoption, Supplies Shop, Medical services, and Emergency care. The fourth column is titled "Contacts" and lists Phone (+966 0177440000), Email (JoyfulPaws@gmail.Com), and a link to TemplatesJungle. Below the footer is a copyright notice for 2023 Waggy and a link to the free template source.

© 2023 Waggy. All rights reserved. Free HTML Template by [TemplatesJungle](#)

```
89 <div class="col-md-3">
90   <div class="footer-menu">
91     <h3>Services</h3>
92     <ul class="menu-list list-unstyled">
93       <li class="menu-item">
94         <a href="#" class="nav-link">Pet spa</a>
95       </li>
96       <li class="menu-item">
97         <a href="adoptionform.php" class="nav-link">Adoption</a>
98       </li>
99       <li class="menu-item">
100        <a href="SuppliesShop.php" class="nav-link">Supplies Shop</a>
101       </li>
102       <li class="menu-item">
103         <a href="medical-services.php" class="nav-link">Medical services</a>
104       </li>
105       <li class="menu-item">
106         <a href="Emergency.php" class="nav-link">Emergency care</a>
107       </li>
108     </ul>
109   </div>
110 </div>
111 <div class="col-md-3">
112   <h3>Contacts</h3>
113   <div class="support-box d-none d-xl-block">
114     <span class="fs-6 primary-font text-muted">Phone</span>
115     <h6 class="mb-0">+966 0177440000</h6>
116   </div>
117   <br>
118   <div class="support-box d-none d-xl-block">
119     <span class="fs-6 primary-font text-muted">Email</span>
120     <h6 class="mb-0">joyfulPaws@gmail.com</h6>
121   </div>
122 </div>
```

CODE DETAILS:

The header and footer code with multiple columns within divs to facilitate navigation between pages. This helps maintain consistency and makes it easier to manage and update the layout across different pages. This is a portion of the footer code, while the remaining parts of the code have been reorganized and adjusted accordingly.

Adoption

Adoption

Pets Available For Adoption

Search For A Pet

Categories

All
Dogs
Cats



Leo
American Cat

Gender

All
Male
Female



Abby
Maltese Dog

City

All
Makkah
Jeddah
Riyadh



Max
Persian Cat



Cloudy
Burmese Cat



Bob
French Bulldog Dog



Lily
Weimaraner Dog

```
<section id="banner" class="py-3" style="background-color: #FF99CC;">
  <div class="container py-5 my-3">
    <div class="hero-content py-5 mb-3">
      <h2 class="display-1 mt-3 mb-0">Adoption <span class="text-primary"> </span></h2>
      <p>Pets Available For Adoption</p>
    </div>
  </div>
</section>

<section id="pets">
  <div class="adopt-grid">
    <div class="container py-3 my-3">
      <div class="row flex-md-row-reverse g-md-3 mb-3">
        <main class="col-md-9">
          <div class="product-grid row">
            <div class="col-md-4 my-4">
              <!-- div class="z-1 position-absolute rounded-3 m-3 px-3 border border-dark-subtle">
                New
              </div -->
            <div class="card position-relative">
              <a href="lao.html"></a>
              <div class="card-body p-0">
                <a href="lao.html">
                  <h3 class="card-title pt-4 mb-0">leop</h3>
                  <h5 class="secondary-font text-primary">american cat </h5>
                </a>
              </div>
            </div>
          </div>
        </main>
      </div>
    </div>
  </div>
</section>
```

Adoption (cont.)

Pet Information



About

PetID:BB4085
Name:Leo
Gender : Male
Pet Type : Cat
Breed : American Shorthair Cat
Age: 2 Years
City: Jeddah
Health : Vaccinations Up To Date, Spayed / Neutered
CHARACTERISTICS : Friendly, Affectionate, Gentle, Quiet

[ADOPT ME NOW](#)

```

</div>
<div class="swiper-slide">
| 
| </div>
| </div>
| </div>
</div>
<div class="col-lg-6 mt-5">
<div class="product-info">
| <div class="element-header">
| | <h2 itemprop="name" class="text-primary">About</h2>
| </div>
| <div>
| | <ul> <h5> PetID :BB4085 </h5> </ul>
| | <ul> <h5> Name : leo </h5> </ul>
| | <ul><h5> Gender : Male </h5></ul>
| | <ul><h5> Pet Type : Cat </h5></ul>
| | <ul><h5> Breed : American shorthair cat</h5> </ul>
| | <ul><h5> Age: 2 years</h5> </ul>
| | <ul><h5> City: Jeddah </h5> </ul>
| | <ul><h5> Health : Vaccinations up to date, spayed / neutered </h5></ul>
| | <ul><h5> CHARACTERISTICS : Friendly, Affectionate, Gentle, Quiet</h5></ul>
| </div>
```

Adoption Form

Name:

Email:

Phone Number:

City:

Get In Touch

We will get back to you as soon as possible.

```
<div class="container">
| <a href="#" class="btn btn-outline-dark btn-lg text-uppercase fs-6 rounded-1 py-2 px-4" onclick="showForm()"> Adopt me now </a>
| </div>

<div id="form-container" class="form-container">
| <h5>Adoption Form </h5>
| <form>
| | <label for="name">Name:</label>
| | <input type="text" id="name" name="name" required><br><br>
| | <label for="email">Email:</label>
| | <input type="email" id="email" name="email" required><br><br>
| | <label for="phone">Phone Number:</label>
| | <input type="tel" id="phone" name="phone" required><br><br>
| | <label for="PetID">City</label>
| | <input type="text" id="PetID" name="PetID" required><br><br>
| | <input type="submit" class="btn btn-outline-dark btn-lg text-uppercase fs-6 rounded-1 py-2 px-4" value="Submit">
| </form>
| </div>
| </div>
```

Medical services

```
<section id="banner" class="py-3" style="background: #F9F3EC;">
  <div class="container">
    <div class="hero-content py-5 my-3">
      <h2 class="display-1 mt-3 mb-0">Medical Services</h2>
      <nav class="breadcrumb">
        <a class="breadcrumb-item nav-link" href="index.php">Home</a>
        <a class="breadcrumb-item nav-link" href="index.php">Services</a>
        <span class="breadcrumb-item active" aria-current="medical-services.php">Medical Services</span>
      </nav>
    </div>
  </div>
</section>
```

Medical Services

Home / Services / Medical Services



Check Ups

Keep your furry friend in top shape with our comprehensive pet check-up service – because their health and happiness matter as much as yours!

[BOOK NOW >](#)



Wounds Treatment

Trust our expert team to provide compassionate care and effective treatment for your pet's injuries, helping them bounce back to their playful selves in no time!

[BOOK NOW >](#)



Vaccinations

Safeguard your pet's well-being with our reliable vaccination service, ensuring they stay protected against common diseases and live their happiest, healthiest lives by your side!

[BOOK NOW >](#)

```
<div class="my-3 py-3">
  <div class="row entry-container">
    <div class="entry-item col-md-4 my-4">
      <div class="z-1 position-absolute rounded-3 m-2 px-3 pt-1 bg-light">
        
        <span class="text-primary" icon="clarity:star-solid"></span>
      </div>
      <div class="card position-relative">
        <a href="checkup-service.php"></a>
        <div class="card-body p-0">
          <h3 class="card-title pt-4 pb-3 m-0">Check ups</h3>
          <div class="card-text">
            <p class="blog-paragraph fs-6">Keep your furry friend in top shape with our comprehensive pet check-up service because their health and happiness matter as much as yours!</p>
            <p class="blog-paragraph fs-6">Book now ></p>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<div class="my-3 py-3">
  <div class="row entry-container">
    <div class="entry-item col-md-4 my-4">
      <div class="z-1 position-absolute rounded-3 m-2 px-3 pt-1 bg-light">
        
        <span class="text-primary" icon="clarity:star-solid"></span>
      </div>
      <div class="card position-relative">
        <a href="woundTreatment-service.php"></a>
        <div class="card-body p-0">
          <h3 class="card-title pt-4 pb-3 m-0">Wounds treatment</h3>
          <div class="card-text">
            <p class="blog-paragraph fs-6">Trust our expert team to provide compassionate care and effective treatment for your pet's injuries, helping them bounce back to their playful selves in no time!</p>
            <p class="blog-paragraph fs-6">Book now ></p>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<div class="my-3 py-3">
  <div class="row entry-container">
    <div class="entry-item col-md-4 my-4">
      <div class="z-1 position-absolute rounded-3 m-2 px-3 pt-1 bg-light">
        
        <span class="text-primary" icon="clarity:star-solid"></span>
      </div>
      <div class="card position-relative">
        <a href="vaccination-service.php"></a>
        <div class="card-body p-0">
          <h3 class="card-title pt-4 pb-3 m-0">Vaccinations</h3>
          <div class="card-text">
            <p class="blog-paragraph fs-6">Safeguard your pet's well-being with our reliable vaccination service, ensuring they stay protected against common diseases and live their happiest, healthiest lives by your side!</p>
            <p class="blog-paragraph fs-6">Book now ></p>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

Medical services (cont.)



Pet Insurance

100.00 SAR

★★★★★ 5.0

Even if a pet seems healthy, there may be underlying health issues that are not readily apparent. Through physical exams and diagnostic tests, veterinarians can identify early signs of disease or conditions that may not be obvious to you.

Book An Appointment

Pet's name

Name

Phone number (for contact)

+966 50-000-0000

Kind of pet

Select Your Pet Type

Pet's gender

Male

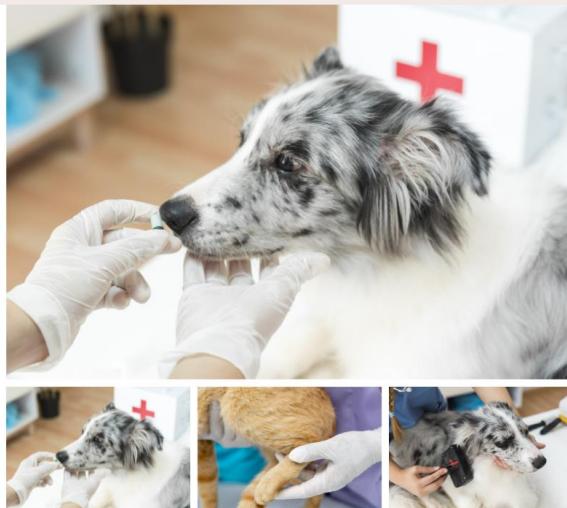
Female

Appointment date & time

```
<section id="selling-product">
<div class="container my-md-5 py-5">
  <div class="row g-md-5">
    <div class="col-lg-6">
      <div class="row">
        <div class="col-md-12">
          <!-- product-large-slider -->
          <div class="swiper product-large-slider">
            <div class="swiper-wrapper">
              <div class="swiper-slide">
                
              </div>
              <div class="swiper-slide">
                
              </div>
              <div class="swiper-slide">
                
              </div>
            </div>
          </div>
        </div>
      </div>
    <div class="col-md-12 mt-2">
      <!-- product-thumbnail-slider -->
      <div thumbsSlider="" class="swiper product-thumbnail-slider">
        <div class="swiper-wrapper">
          <div class="swiper-slide">
            
          </div>
          <div class="swiper-slide">
            
          </div>
          <div class="swiper-slide">
            
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<h2 itemprop="name" class="display-0">Pet Insurance</h2>
</div>
<div class="product-price pt-3 pb-3">
  <strong class="text-primary display-6 fw-bold">100.00 SAR</strong><del class="ms-2">100.00 SAR</del>
  <div class="rating-container d-flex gap-0 align-items-center">
    <span class="rating secondary-font">
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
    </span> 5.0
  </div>
</div>
<p>Even if a pet seems healthy, there may be underlying health issues that are not readily apparent. Through physical exams and diagnostic tests, veterinarians can identify early signs of disease or conditions that may not be obvious to you.</p>
```

Medical services (cont.)



Injury Care

150.00 SAR

★★★★★ 5.0

When accidents happen, trust our skilled veterinarians to provide expert wound treatment for your pet. Whether it's a minor scrape or a more serious injury, we offer compassionate care and advanced treatments to promote healing and minimize discomfort for your beloved companion.

Book An Appointment

Pet's name

Name

Phone number (for contact)

+966 50-000-0000

Kind of pet

Select Your Pet Type

Pet's gender

Male

Female

```
<section class="setting-products">
  <div class="container my-md-5 py-5">
    <div class="row g-md-5">
      <div class="col-lg-6">
        <div class="row">
          <div class="col-md-12">
            <!-- product-large-slider -->
            <div class="swiper product-large-slider">
              <div class="swiper-wrapper">
                <div class="swiper-slide">
                  
                </div>
                <div class="swiper-slide">
                  
                </div>
                <div class="swiper-slide">
                  
                </div>
              </div>
            </div>
          </div>
        </div>
      <div class="col-md-12 mt-2">
        <!-- product-thumbnail-slider -->
        <div thumbsSlider="" class="swiper product-thumbnail-slider">
          <div class="swiper-wrapper">
            <div class="swiper-slide">
              
            </div>
            <div class="swiper-slide">
              
            </div>
            <div class="swiper-slide">
              
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<h2 itemprop="name" class="display-6">Pet Insurance</h2>
<div>
  <strong class="text-primary display-6 fw-bold">100.00 SAR</strong><del class="ms-2"></del>
  <div class="rating-container d-flex gap-0 align-items-center">
    <span class="rating-secondary-font">
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
    5.0</span>
  </div>
</div>
<p>Even if a pet seems healthy, there may be underlying health issues that are not readily apparent. Through physical exams and diagnostic tests, veterinarians can identify early signs of disease or conditions that may not be obvious to you.</p>
```

Medical services (cont.)



Disease Prevention

185.50 SAR

★★★★★ 5.0

Protect your furry friend from preventable diseases with our vaccination services. From routine vaccinations to tailored vaccine schedules, we prioritize your pet's health by administering safe and effective vaccines in accordance with recommended guidelines.

Book An Appointment

Pet's name

Name

Phone number (for contact)

+966 50-000-0000

Kind of pet

Select Your Pet Type

Pet's gender

Male

Female

Appointment date & time

```
<section class="setting-product">
<div class="container my-md-5 py-5">
  <div class="row g-md-5">
    <div class="col-lg-6">
      <div class="row">
        <div class="col-md-12">
          <!-- product-large-slider -->
          <div class="swiper product-large-slider">
            <div class="swiper-wrapper">
              <div class="swiper-slide">
                
              </div>
              <div class="swiper-slide">
                
              </div>
              <div class="swiper-slide">
                
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
    <div class="col-md-12 mt-2">
      <!-- product-thumbnail-slider -->
      <div thumbslider="" class="swiper product-thumbnail-slider">
        <div class="swiper-wrapper">
          <div class="swiper-slide">
            
          </div>
          <div class="swiper-slide">
            
          </div>
          <div class="swiper-slide">
            
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<h2 itemprop="name" class="display-6">Disease Prevention</h2>
</div>
<div class="product-price pt-3 pb-3">
  <strong class="text-primary display-6 fw-bold">185.50 SAR</strong><del class="ms-2"></del>
  <div class="rating-container d-flex gap-0 align-items-center">
    <span class="rating secondary-font">
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
      <iconify-icon icon="clarity:star-solid" class="text-primary"></iconify-icon>
    5.0</span>
  </div>
</div>
<p>Protect your furry friend from preventable diseases with our vaccination services. From routine vaccinations to tailored vaccine schedules, we prioritize your pet's health by administering safe and effective vaccines in accordance with recommended guidelines.</p>
```



Medical services (cont.)

Form
for
each
service

Pet's name

Name

Phone number (for contact)

+966 50-000-0000

Kind of pet

Select Your Pet Type

Pet's gender

Male

Female

Appointment date & time

□ دُنْس / رَهْش / مُوْيِ

Select Your Preferred Time

Additional notes you'd like to add

Book

Medical services (cont.)

HTML Form Code

```
<form action="services.html" method="post">
<div class="form-group">
| <label class="control-label" for="name">Pet's name</label>
| <input id="name" name="petName" type="text" placeholder="Name" required class="form-control input-md">
</div>
<br>
<div class="form-group">
| <label for="contactInfo">Phone number (for contact)</label>
| <div class="input-group">
| | <span class="input-group-text" id="basic-addon1">+966</span>
| | <input type="tel" id="phone" name="contactInfo" placeholder="50-000-0000" required
| | pattern="[0-9]{2}[0-9]{3}[0-9]{4}">
| </div>
</div>
<br>
<div class="form-group">
| <label for="Controlselect">Kind of pet</label>
| <select class="form-control" name="petType" required>
| | <option value="">Select your pet type</option>
| | <option value="Cat">Cat</option>
| | <option value="Dog">Dog</option>
| | <option value="Rabbit">Rabbit</option>
| </select>
</div>
<br>
<div>
| <label for="petGender">Pet's gender</label>
| <div class="form-group">
| | <input class="form-check-input" type="radio" name="petGender" value="Male" required>
| | <label class="form-check-label" for="malebtn">
| | | Male
| | </label>
| </div>
| <div class="form-group">
| | <input class="form-check-input" type="radio" name="petGender" value="Female" required>
| | <label class="form-check-label" for="femalebtn">
| | | Female
| | </label>
| </div>
</div>
```

```
<label for="appointmentDate" >Appointment date & time</label>
<input type="date" name="appointmentDate" class="form-control" id="date" placeholder="YYYY-MM-DD"
 required>

<select class="form-control" id="Controlselect" name="appointmentTime" required>
| <option value="">Select your preferred time </option>
| <option value="8 am">8 am</option>
| <option value="9 am">9 am</option>
| <option value="10 am">10 am</option>
| <option value="11 am">11 am</option>
| <option value="12 pm">12 pm</option>
| <option value="1 pm">1 pm</option>
| <option value="2 pm">2 pm</option>
| <option value="3 pm">3 pm</option>
| <option value="4 pm">4 pm</option>
| <option value="5 pm">5 pm</option>
| <option value="6 pm">6 pm</option>
| <option value="7 pm">7 pm</option>
| <option value="8 pm">8 pm</option>
| <option value="9 pm">9 pm</option>
| <option value="10 pm">10 pm</option>
| <option value="11 pm">11 pm</option>
| <option value="12 am">12 am</option>
| <option value="1 am">1 am</option>
| <option value="2 am">2 am</option>
</select>
</div>
</div>
<br>
<div class="form-group">
| <label for="addInfo">Additional notes you'd like to add</label>
| <textarea class="form-control" name="addInfo" id="addInfo" rows="3"></textarea>
</div>
<br>
<div class="form-group mb-3">
| <button type="submit" class="btn btn-primary" name="CUToDB" id="bookBtn"> Book </button>
</div>
</form>
```

Supplies shop

JOYFUL PAWS

Home About Us Services Supplies shop Customer experiences JOIN US

pet supply store
EVERYTHING FOR YOUR PET

All Categories Food Clothes Toys

Applaws 100% Natural Complete 2.5KG Bag Grain Free Cat Food Chicken 25.00 SAR Add to Cart

Schesir Tuna And Chicken In Jelly Wet Food For Adult Cats, 85 Grams 10.00 SAR Add to Cart

Applaws Home Care Plus Fish Flavor With Salmon Dry Food For Sterilized Cats 20.00 SAR Add to Cart

Versele Laga Xo Light Mix For Curing And Budgies 34.00 SAR Add to Cart

Zolux Nutrimeal Premium Millet Stick Treats For Rare Birds, 110 Grams 12.00 SAR Add to Cart

Bravery Dry Food For Small, Medium And Large Dogs 48.00 SAR Add to Cart

Summer Clothes For Small Dogs, Red 35.00 SAR Add to Cart

Zolux Legend Winter Clothing Jacket, Beige 100.00 SAR Add to Cart

Summer Clothes For Small Dogs, Pink 35.00 SAR Add to Cart

Zolux Braca Hoodie, Waterproof Winter Clothing For Cats And Small Dogs, Green 100.00 SAR Add to Cart

Zolux "Move" Comfortable Red Collar In Multiple Sizes For Dogs 24.00 SAR Add to Cart

Hermitage Handcrafted Italian Leather Dog Collar - Medium 36.00 SAR Add to Cart

Shop In Our World Full Of Beautiful Surprises For Your Pet

Convenient Shopping
Shop hassle-free, anytime, anywhere.

Complete Reliability
Trust in every purchase, every time.

Special Prices
Discover exclusive deals just for you.

Quality Guarantee
Assured quality, satisfaction guaranteed.

Supplies shop (cont.)

When you look at the image of any product, its specifications are displayed.

All Categories Food Clothes Toys Cart (1)

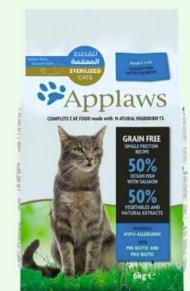
Applaws 100% Natural Complete 7.5KG Bag
Grain Free Cat Food Chicken And Salmon

- All-natural food made from chicken, extra salmon and natural extracts for large cats.
- Grain-free
- Contains natural prebiotics and probiotics which may encourage the presence of bacteria

price : 25.00 SAR







Applaws 100% Natural Complete 7.5KG Bag
Grain Free Cat Food Chicken

25.00 SAR

Schesir Tuna And Chicken In Jelly Wet Food For Adult Cats, 85 Grams

10.00 SAR

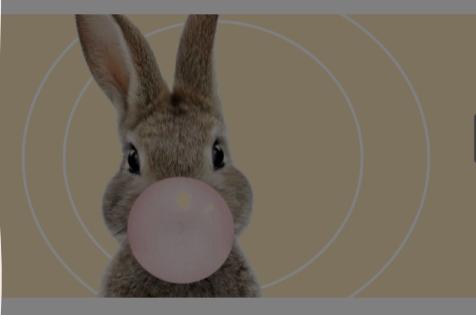
Applaws Home Care Plus Fish Flavor With Salmon Dry Food For Sterilized Cats

202.00 SAR

Display the cart containing the user's requests

JOYFUL PAWS

Home About Us Services ▾ Supplies shop



All Categories Food Clothes Toys

Shopping Cart X

Applaws Home Care Plus Fish Flavor with Salmon dry food for sterilized cats	x
- Quantity: 1	
- Total: 202 SAR	
Schesir Tuna and Chicken in Jelly Wet Food for Adult Cats, 85 grams	x
- Quantity: 1	
- Total: 10 SAR	
Bravery dry food for small, medium and large dogs	x
- Quantity: 1	
- Total: 98 SAR	
Zolux Nutrimeal Premium Millet Stick Treats for Rare Birds, 110 grams	x
- Quantity: 1	
- Total: 12 SAR	
Total Price: 322 SAR	
Checkout	

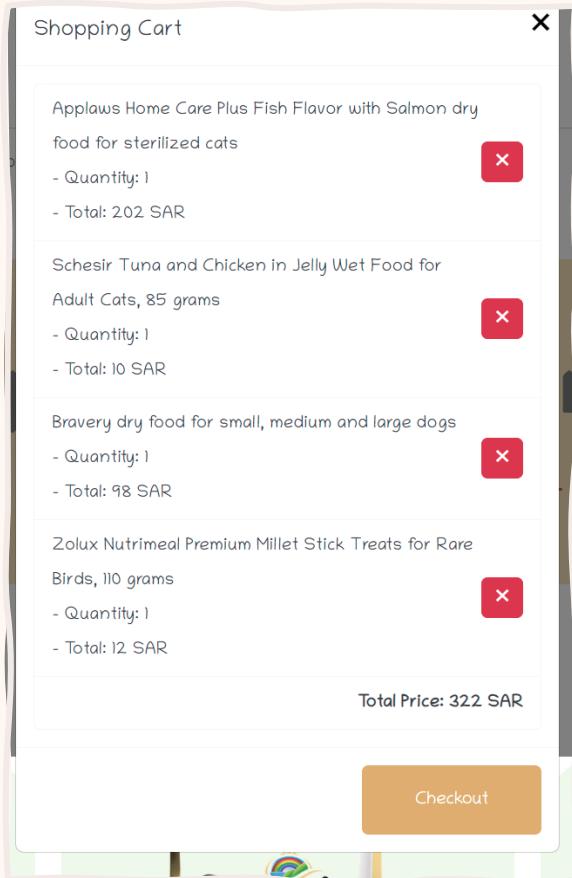


Supplies shop (cont.)

```
<form id="checkoutForm" method="POST" action="insert.php">
<div class="modal fade" id="cartModal" tabindex="-1" aria-labelledby="cartModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="cartModalLabel">Shopping Cart</h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          | | <span aria-hidden="true">&times;;</span>
        </button>
      </div>
      <div class="modal-body">
        <ul id="cartItemList" class="list-group">
        </ul>
      </div>
      <div class="modal-footer">
        <input type="hidden" id="totalPriceInput" name="totalPrice">
        <input type="submit" id="checkoutButton" name="checkoutButton" class="btn btn-primary" value="Checkout">
      </div>
    </div>
  </div>
</form>
</main>
```

CODE DETAILS:

These codes are the codes for displaying the shopping cart



```
function showCartItems() {
  let cartItemList = document.getElementById("cartItemList");
  cartItemList.innerHTML = "";

  let totalPrice = 0;
  cartItems.forEach(item, index) => {
    let li = document.createElement("li");
    li.classList.add("list-group-item", "d-flex", "justify-content-between", "align-items-center");

    // Display product name, quantity, and total price for each item
    let itemTotal = item.price * item.quantity;
    li.innerHTML = `${item.name} <br>- Quantity: ${item.quantity} <br>- Total: ${itemTotal} SAR`;

    // Create delete button for each item
    let deleteButton = document.createElement("button");
    deleteButton.innerHTML = "&#10006;";
    deleteButton.classList.add("btn", "btn-danger");
    deleteButton.addEventListener("click", () => {
      removeCartItem(index);
    });
    li.appendChild(deleteButton);

    cartItemList.appendChild(li);

    totalPrice += itemTotal;
  };
}
```

Emergency care



Emergency Request

EMERGENCY DETAILS

Contact You

Phone *:

PHONE NUMBER

Address

Address*: City*:

STREET NUMBE, NAME NAME THE CITY

Region*:

Pet Information:

Pet Type*: Pet Status*:

Pet Information:

Pet Type*: Pet Status*:

PET TYPE PET STATUS

Pet Photo*:

لم يتم اختيار أي صفت اختيار صفت

Last Seen:

date*: Time*:

قن/رهن/موي - :-:-

Emergency care (cont.)

```
352
353 <section class="h-100" style="background-image: url(images/backgroundEm.jpg);"
354   <div class="container py-5 h-100">
355     <div class="row d-flex justify-content-center align-items-center h-100">
356       <div class="col">
357         <div class="card card-registration my-4">
358           <div class="row g-4">
359             <div class="col-1-4 d-none d-xl-block" style="background-color: #2b2d2e;">
360               
361               style="border-top-left-radius: .25rem; border-bottom-left-radius: .25rem; margin-top: 60%;"/>
362
363               <h1 style="font-weight: 1000; text-align: center; font-size: 4em;">Emergency Request
364           </div>
365         </div>
366       </div>
367     </div>
368   </div>
369 </section>
```



EMERGENCY DETAILS

Contact You

Phone *:

 PHONE NUMBER

Address

Address*: City*:

 STREET NUMBER, NAME  NAME THE CITY

Region*:

Choose... ▾

Emergency care (cont.)

```
        <div style="margin-top: 5%;"><br>
        legend Pet Information: <span>(legend)</span>
        <div class="row">
            <div class="col-md-6 mb-4">
                <div data-md-input-init class="form-outline">
                    <label for="Pet Type"><span>(label)</span>
                    <input style="letter-spacing:2px;font-family:'Font Awesome 5 Free'; font-weight:50;" type="text" id="pettype" class="mt-2 mb-4 ps-3" placeholder=" &#xf6d3; pet type">
                </div>
            </div>
            <div class="col-md-6 mb-4">
                <div data-md-input-init class="form-outline">
                    <label for="Pet Status"><span>(label)</span>
                    <input style="letter-spacing:2px;font-family:'Font Awesome 5 Free'; font-weight:50;" type="text" id="lname" name="petstatus" class="mt-2 mb-4 ps-3" placeholder=" &#xf101; pet status">
                </div>
            </div>
            <div>
                <div class="col-md-6 mb-4">
                    <div data-md-input-init class="form-outline">
                        <label for="photo">Pet Photo:<span>(label)</span>
                        <div class="fa-regular fa-image"> </div>
                        <input type="file" id="photo" name="photo" class="mt-2 mb-4 ps-3" >
                    </div>
                </div>
            </div>
        </div>
```

Pet Information:	
Pet Type*: <input type="text" value="PET TYPE"/>	Pet Status*: <input type="text" value="PET STATUS"/>
Pet Photo*:  <div style="border: 1px solid #ccc; padding: 5px; width: fit-content;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div>	

Last Seen:	
date*:	Time*:
<input type="checkbox"/> なし	<input type="checkbox"/> なし
Request Emergency care	

CODE DETAILS:

This code has been modified and additional codes have been added from the MDB bootstrap 5 website to set the “layout” of the page so that it is compatible with most devices. The interface shape was tested and designed by Lamis Mohammed, with the addition of css codes to format the form, and I also use and add icons in the input field from font awesome CDN website.

Emergency care (cont.)

JAVASCRIPT CODE :

```
# validate.js @ validateAddress

function validationForm() {
    var phone = document.form["EmergencyForm"]["phone"].value;
    var address = document.form["EmergencyForm"]["address"].value;
    var city = document.form["EmergencyForm"]["city"].value;
    var state = document.form["EmergencyForm"]["state"].value;
    var petType = document.form["EmergencyForm"]["pettype"].value;
    var petStatus = document.form["EmergencyForm"]["petstatus"].value;
    var photo = document.getElementById("photo");
    var date = document.form["EmergencyForm"]["date"].value;
    var time = document.form["EmergencyForm"]["time"].value;

    if ((validatePhone(phone)) || validateAddress(address,city,state) || validatePets(petType,petStatus) || validatePhoto(photo)) || validateSeen(date,time)) {
        return false;
    } else {
        return true;
    }
}

function validatePhone(phone) {
    var phoneRegEx = /\^05[0-9]{8}\$/;
    if (phone == "") {
        alert("Phone number must be filled out");
        document.form["EmergencyForm"]["phone"].value = "";
        return false;
    } else if (!phoneRegEx.match(phoneRegEx)) {
        alert("Please enter a valid phone number starting with '05' ");
        document.form["EmergencyForm"]["phone"].value = "";
        return false;
    } else {
        return true;
    }
}

function validateAddress(address,city,state) {
    var iAddress = address;
    var City = city;
    var InputState = state;

    // Regular expression for validating Saudi Arabic address format
    var saudiAddressRegEx = /^[0-9]+ [A-Z][A-Z][A-Z]$/;

    // Array of Saudi Arabia regions
    var saudiRegions = ["Makkah", "Madinah", "Eastern Province", "Asir", "Tabuk", "Hail", "Northern Borders", "Qizan", "Hajran", "Al Bahah", "Al Jawf", "Al Qassim"];
    // Perform validation checks
    if (iAddress == "") {
        alert("Address must be filled out");
        return false;
    }
    if (City == "") {
        alert("City must be filled out");
        return false;
    }
    if (InputState == "") {
        alert("State must be selected");
        return false;
    }
    if (!saudiAddressRegEx.test(iAddress + " " + City + " " + InputState)) {
        alert("Please enter a valid address in Saudi Arabia format: [Number] [Street Name], [City], Saudi Arabia");
        return false;
    }
}

# validate.js @ validateAddress

function validateAddress(address,city,state) {
    if (InputState == "") {
        alert("State must be selected");
        return false;
    }
    if (!saudiAddressRegEx.test(iAddress + " " + City + " " + InputState)) {
        alert("Please enter a valid address in Saudi Arabia format: [Number] [Street Name], [City], Saudi Arabia");
        return false;
    }
    if (!saudiRegions.includes(InputState)) {
        alert("Please select a valid Saudi Arabia region");
        return false;
    }
    return true;
}

function validatePhoto(photo) {
    var Extension =/(.png|.jpg|.jpeg)/i;
    var photoFileName = photo.files[0].name;
    photo.files[0].name = "";

    if(!photoFileName){
        alert("Please upload a photo");
        document.form["EmergencyForm"]["photo"].value = "";
        return false;
    } else if (!Extension.test(photoFileName)){
        alert("Please upload an image with one of the following extensions: png, jpg, jpeg");
        document.form["EmergencyForm"]["photo"].value = "";
        return false;
    } else {
        return true;
    }
}

function validatePets(petType,petStatus) {
    if (petType == "") {
        alert("Pet Type must be filled out");
        return false;
    }
    if (petStatus == "") {
        alert("Pet Status must be filled out");
        return false;
    }
    return true;
}

function validateSeen(date,time) {
    if (date == "") {
        alert("Date must be filled out");
        return false;
    }
    if (time == "") {
        alert("Time must be filled out");
        return false;
    }
    return true;
}
```

```
# validate.js @ validateAddress

function validateAddress(address,city,state) {
    if (InputState == "") {
        alert("State must be selected");
        return false;
    }
    if (!saudiAddressRegEx.test(iAddress + " " + City + " " + InputState)) {
        alert("Please enter a valid address in Saudi Arabia format: [Number] [Street Name], [City], Saudi Arabia");
        return false;
    }
    if (!saudiRegions.includes(InputState)) {
        alert("Please select a valid Saudi Arabia region");
        return false;
    }
    return true;
}

function validatePhoto(photo) {
    var Extension =/(.png|.jpg|.jpeg)/i;
    var photoFileName = photo.files[0].name;
    photo.files[0].name = "";

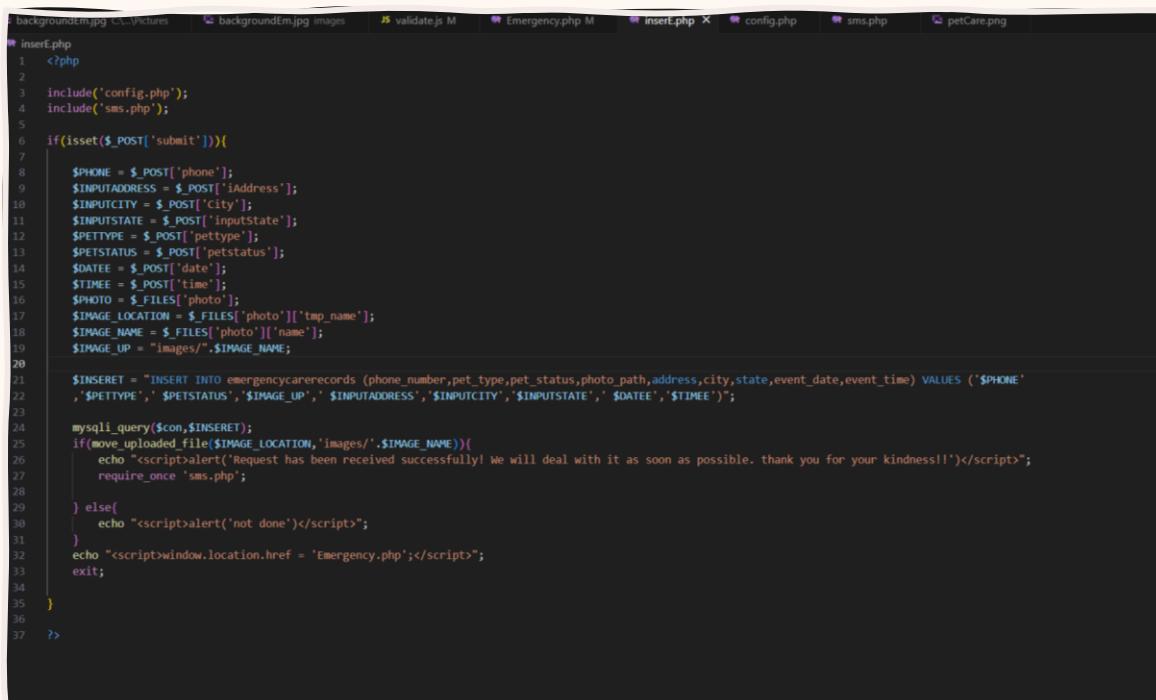
    if(!photoFileName){
        alert("Please upload a photo");
        document.form["EmergencyForm"]["photo"].value = "";
        return false;
    } else if (!Extension.test(photoFileName)){
        alert("Please upload an image with one of the following extensions: png, jpg, jpeg");
        document.form["EmergencyForm"]["photo"].value = "";
        return false;
    } else {
        return true;
    }
}

function validatePets(petType,petStatus) {
    if (petType == "") {
        alert("Pet Type must be filled out");
        return false;
    }
    if (petStatus == "") {
        alert("Pet Status must be filled out");
        return false;
    }
    return true;
}

function validateSeen(date,time) {
    if (date == "") {
        alert("Date must be filled out");
        return false;
    }
    if (time == "") {
        alert("Time must be filled out");
        return false;
    }
    return true;
}
```

Emergency care (cont.)

PHP CODE :



```
backgroundEm.jpg C:\...\Pictures backgroundEm.jpg images validate.js M Emergency.php M insert.php X config.php sms.php petCare.png

1  inserE.php
2  <?php
3  include('config.php');
4  include('sms.php');
5
6  if(isset($_POST['submit'])){
7
8      $PHONE = $_POST['phone'];
9      $INPUTADDRESS = $_POST['iaddress'];
10     $INPUTCITY = $_POST['city'];
11     $INPUTSTATE = $_POST['inputstate'];
12     $PETTYPE = $_POST['pettype'];
13     $PETSTATUS = $_POST['petstatus'];
14     $DATEE = $_POST['date'];
15     $TIMEE = $_POST['time'];
16     $PHOTO = $_FILES['photo'];
17     $IMAGE_LOCATION = $_FILES['photo'][tmp_name];
18     $IMAGE_NAME = $_FILES['photo'][name];
19     $IMAGE_UP = "images/".$IMAGE_NAME;
20
21     $INSERET = "INSERT INTO emergencycarerecords (phone number,pet type,pet status,photo path,address,city,state,event date,event time) VALUES ('$PHONE',
22     '$PETTYPE','$PETSTATUS','$IMAGE_UP',' $INPUTADDRESS','$INPUTCITY','$INPUTSTATE','$DATEE','$TIMEE')";
23
24     mysqli_query($con,$INSERET);
25     if(move_uploaded_file($IMAGE_LOCATION,'images/'.$IMAGE_NAME)){
26         echo "<script>alert('Request has been received successfully! We will deal with it as soon as possible. thank you for your kindness!!')</script>";
27         require_once 'sms.php';
28
29     } else{
30         echo "<script>alert('not done')</script>";
31     }
32     echo "<script>window.location.href = 'Emergency.php';</script>";
33     exit;
34
35 }
36
37 ?>
```

CODE DETAILS:

The JavaScript and PHP codes were mostly written by Lamis Mohammed, with research and use of other sources for learning.

Users experiences

The screenshot shows the Joyful Paws website's "Customer Experiences" page. At the top, there's a navigation bar with links to Home, About Us, Services, Supplies shop, Customer experiences, and JOIN US, along with social media icons. Below the navigation is a large section titled "Customer Experiences" with a sub-section "Reviews". A testimonial from "Huda Saud Fahad" is displayed, rating 5/5 and saying "Love the pet adoption feature, found my perfect companion here...". Below this is a "Share & Rate" section with fields for First Name, Middle Name, Last Name, Overall Satisfaction (5 stars), and a feedback text area. A "SUBMIT" button is at the bottom. At the very bottom of the page, there are sections for Quick Links, Services, and Contacts, along with copyright and template information.

JOYFUL PAWS

Home About Us Services Supplies shop Customer experiences JOIN US

f t g m

Customer Experiences

Home / Services / Customer Experiences

Reviews

Discover what our customers say

Huda Saud Fahad Rating 5/5 ★★★★☆

Love the pet adoption feature, found my perfect companion here...

Share & Rate

Your Feedback Matters! Rate Us
And Share Your Experience!

First Name... Middle Name... Last Name...

Overall Satisfaction ★ ★ ★ ★ ★

Write Your Feedback Here...

SUBMIT

JOYFUL PAWS

Subscribe to our newsletter to get new updates.

f t g m

Quick Links

Home
About us
Services
Customer experiences
JOIN US

Services

Pet spa
Adoption
Supplies Shop
Medical services
Emergency care

Contacts

Phone +966 0774+0000
Email JoyfulPaws@Gmail.Com

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Free HTML Template by [TemplatesJungle](#)

Users experiences (cont.)

Reviews

Discover what our customers say!



Rasha Rayan Al-Ahmadi

Rating: 4/5



Excellent service, fast delivery, highly recommended!

```
    <h3>Reviews</h3>
    <p>Discover what our customers say! <img alt="chat icon" /></p>

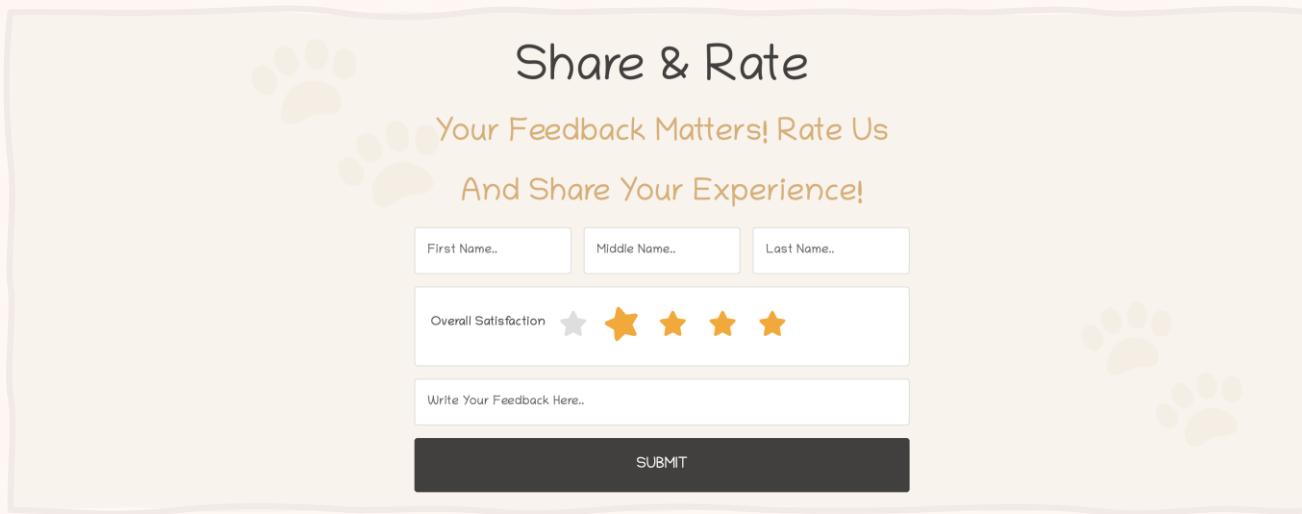
    <div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
        <div class="carousel-inner">
            <?php
                // Connect to the database and retrieve data
                include('myConfig.php');

                $sql = "SELECT firstName, middleName, lastName, rating, feedback FROM
                CustomerExperiences";
                $result = mysqli_query($conn, $sql);

                // Check if data exists and create carousel-item elements
                if (mysqli_num_rows($result) > 0) {
                    $active = true;
                    while($row = mysqli_fetch_assoc($result)) {
                        // Create carousel-item element and determine if it's active or not
                        echo "<div class='carousel-item" . ($active ? " active" : "") . "'>";
                        // Display user name inside carousel-item
                        echo "<p>" . $row["firstName"] . " " . $row["lastName"] . "</p>";

                        //card
                        echo "<section id='testimonials'>";
                        echo "<div class='testimonial-box-container'>";
                        echo "<div class='testimonial-box'>";
                        echo "<div class='box-top'>";
                        echo "<div class='profile'>";
                        echo "<div class='profile-img'>";
                        echo "<img src='images/paws.png' />";
                        echo "</div>";
                        echo "<div class='name-user'>";
                        echo "<strong>" . $row['firstName'] . " " . $row['middleName'] . " " . $row['lastName'] . "</strong>";
                        echo "<span>Rating: " . $row['rating'] . "/5 </span>";
                        echo "</div>";
                        echo "</div>";
                        echo "<div class='reviews'>";
                        for ($i = 1; $i <= 5; $i++) {
                            if ($i <= $row['rating']) {
                                echo "<i class='fas fa-star'></i>"; // Print a filled star
                            } else {
                                echo "<i class='far fa-star'></i>"; // Print an empty star
                            }
                        }
                        // echo "<i class='fas fa-star'></i>";
                        // echo "<i class='far fa-star'></i>";
                        echo "</div>";
                        echo "</div>";
                        echo "<div class='client-comment'>";
                        echo "<p>" . $row['feedback'] . ".</p>";
                        echo "</div>";
                        echo "</div>";
                        echo "</div>";
                        echo "</section>";
                        echo "</div>";
                        // Update active value for carousel-item
                        $active = false;
                    }
                } else {
                    // If no records found
                    echo "0 results";
                }
            // Close database connection
            mysqli_close($conn);
        >
```

Users experiences (cont.)



Share & Rate

Your Feedback Matters! Rate Us
And Share Your Experience!

First Name.. Middle Name.. Last Name..

Overall Satisfaction 

Write Your Feedback Here..

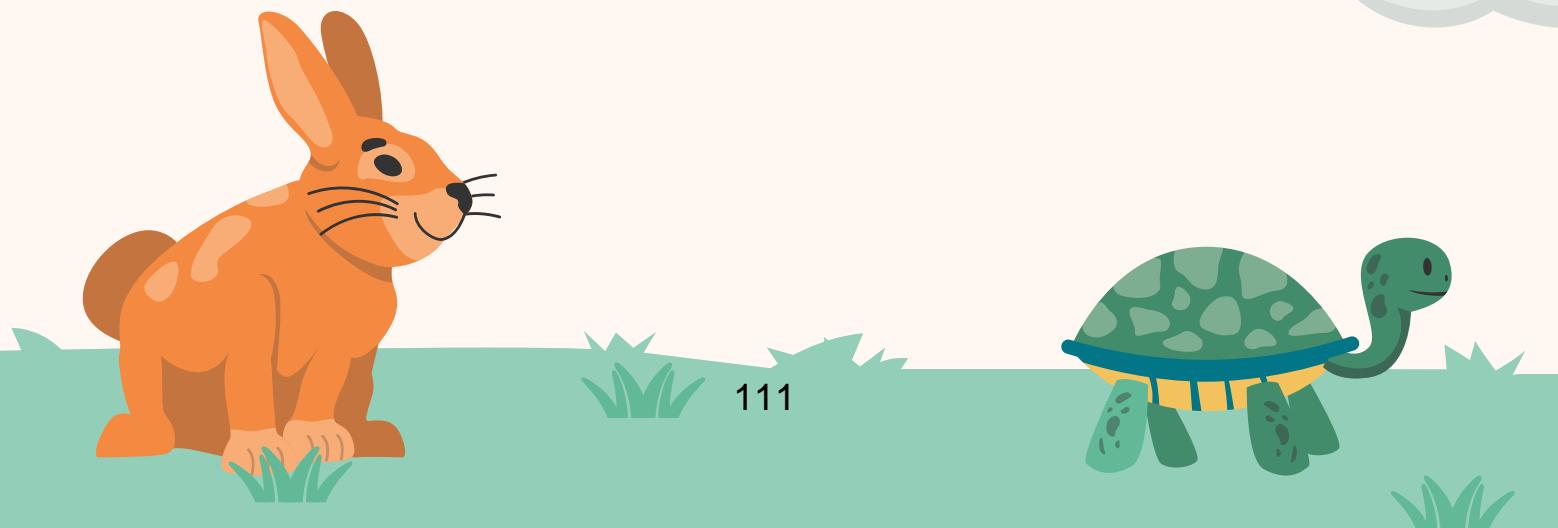
SUBMIT

```
5  <?php
6  include('myConfig.php');
7
8 // Check if the form is submitted
9 if(isset($_POST['submitCustomerExpButton'])){
10    $F_NAME = $_POST['firstName'];
11    $M_NAME = $_POST['middleName'];
12    $L_NAME = $_POST['lastName'];
13    $RATING_NUM = $_POST['rating'];
14    $FEEDBACK = $_POST['feedback'];
15
16    // Prepare SQL query to check if the entered triple name exist in the users table
17    $check_user_query = "SELECT * FROM users WHERE firstName = '$F_NAME'
18    AND middleName = '$M_NAME' AND lastName = '$L_NAME'";
19    $result = mysqli_query($conn, $check_user_query);
20
21    // Check if there are any results
22    if(mysqli_num_rows($result) > 0) {
23        // The user exists in the users table
24
25        // Prepare SQL query to check if the user has submitted a previous experience
26        $check_userExp_query = "SELECT * FROM CustomerExperiences WHERE firstName =
27        '$F_NAME' AND middleName = '$M_NAME' AND lastName = '$L_NAME'";
28        $resultCustExp = mysqli_query($conn, $check_userExp_query);
29
30        // Check if there is a previous experience
31        if(mysqli_num_rows($resultCustExp) > 0) {
32            // There is already a previous experience for the user
33            $alert_message = "You already have a customer experience submitted.";
34            $alert_type = "warning";
35            header('location: customerExperiences.php');
36        } else {
37            // No previous experience, insert the new experience
38            $insert = "INSERT INTO CustomerExperiences(firstName, middleName,
39            lastName, rating, feedback)
40            VALUES('$F_NAME', '$M_NAME', '$L_NAME', '$RATING_NUM', '$FEEDBACK')";
41            mysqli_query($conn, $insert);
42            // Redirect the user to customerExperiences.php
43            header('location: customerExperiences.php');
44        }
45
46    } else {
47        // The user does not exist in the users table
48        $alert_message = "User does not exist. Please check the entered names.";
49        $alert_type = "danger";
50        header('location: customerExperiences.php');
51    }
52}
53 ?>
```



03

Database tables



1- Users table:

The table created in the database successfully meets all the specified requirements.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 userID 📃	int(11)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 firstName	varchar(15)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	3 middleName	varchar(15)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	4 lastName	varchar(15)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	5 email 📩	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	6 gender	enum('male', 'female')	utf8mb4_general_ci		Yes	NULL			Change Drop More
<input type="checkbox"/>	7 age	int(11)			Yes	NULL			Change Drop More
<input type="checkbox"/>	8 password	varchar(255)	utf8mb4_general_ci		Yes	NULL			Change Drop More

Example after using the website by more than one user :

userID	1	firstName	middleName	lastName	email	gender	age	password
	36	Murooj	Mohammed	Alzahrani	msms.1424h@gmail.com	female	21	Mn123456
	37	manar	Saad	Al-mashi	manar.al.mashi.2003@gmail.com	female	21	Ns123456
	38	Lemes	Mohammed	Alzahrani	Lemees5510@gmail.com	female	21	Lm123456
	39	wejdan	Mohammed	Alsharef	Alsharefwejdan@gmail.com	female	21	Wm123456
	40	saraa	Mohammed	aloufi	saraaloufi47@gmail.com	female	21	Sm123456

2-emergencycarerecords table

The table created in the database successfully meets all the specified requirements.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🛡	int(11)			No	None		AUTO_INCREMENT
2	userID 🔑	int(11)			Yes	NULL		
3	phone_number	varchar(20)	utf8_unicode_ci		Yes	NULL		
4	pet_type	varchar(50)	utf8_unicode_ci		Yes	NULL		
5	pet_status	varchar(50)	utf8_unicode_ci		Yes	NULL		
6	photo_path	varchar(255)	utf8_unicode_ci		Yes	NULL		
7	address	varchar(255)	utf8_unicode_ci		Yes	NULL		
8	city	varchar(100)	utf8_unicode_ci		Yes	NULL		
9	state	varchar(50)	utf8_unicode_ci		Yes	NULL		
10	event_date	varchar(10)	utf8_unicode_ci		Yes	NULL		
11	event_time	varchar(8)	utf8_unicode_ci		Yes	NULL		

4-shopservices table

The table created in the database successfully meets all the specified requirements.

#	Name	Type	Collation	Attributes	Null	Default
1	orderNumber	varchar(255)	utf8mb4_general_ci		No	None
2	userID	int(11)			Yes	NULL
3	totalPrice	int(11)			Yes	NULL

Example after creating an order from the store by more than one user:

orderNumber	userID	totalPrice
ORD-4746d7a32f3473	36	135
ORD-9a12c937fc0924	40	132
ORD-a81eb3b4ef5400	40	254
ORD-ceeb3497b16358	37	475

Regarding the table that stores images of all the products chosen by the user, we did not have enough time to create it as this component is an additional component that goes beyond the division of the basic tasks of the group. We were only able to store the price and order number.

5-customerexperiences table

The table created in the database successfully meets all the specified requirements.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	experienceID	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	firstName	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
3	middleName	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
4	lastName	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More
5	rating	int(11)			Yes	NULL			Change Drop More
6	feedback	varchar(100)	utf8mb4_general_ci		Yes	NULL			Change Drop More

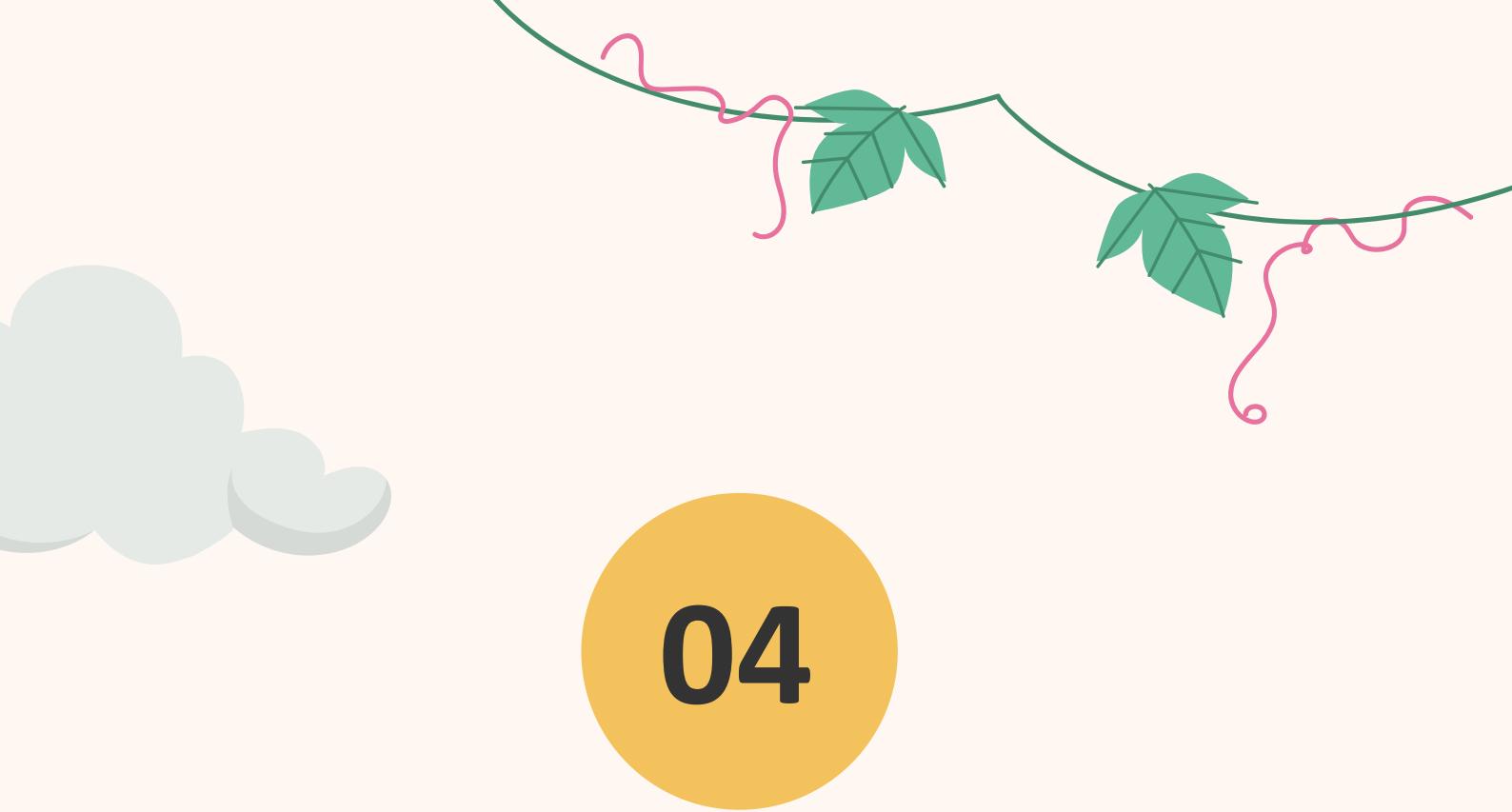
Example after more than one user recorded his experience:

experienceID	firstName	middleName	lastName	rating	feedback
1	Sultan	Abdulaziz	Al-Rashidi	4	Satisfied with the customer service, responsive an...
2	Huda	Saud	Fahad	5	Love the pet adoption feature, found my perfect co...
3	Mahmoud	Abdullah	Al-Otaibi	4	Liked the variety of services offered, found what ...
4	Shaima	Khaled	Al-Harbi	4	Impressed with the variety of products and the eas...
5	Fatimah	Ali	Mohammad	5	Great website, easy to navigate and find what I ne...
6	Nada	Ali	Abdo	5	Great website, easy to navigate and find what I ne...
7	Abdullah	Nasser	Sultan	4	Good selection of products, but could improve load...
8	Aisha	Sultan	Mohammad	5	Fantastic experience overall, will definitely shop...
9	Mohammad	Saud	Abdulaziz	5	Excellent service, fast delivery, highly recommend...
10	Rasha	Rayan	Al-Ahmadi	4	Excellent service, fast delivery, highly recommend...
11	Ahmed	Abdulrahman	Al-Ghamdi	2	Disappointed with the product quality, expected be...
12	Lama	Mohammad	Al-Shahri	3	Average experience, would like to see more discount...
13	Nora	Khaled	Al-Hamidi	3	Average experience, had some issues with checkout ...
23	Murooj	Mohammed	Mohammed	5	nice

6-clinicSchedule table

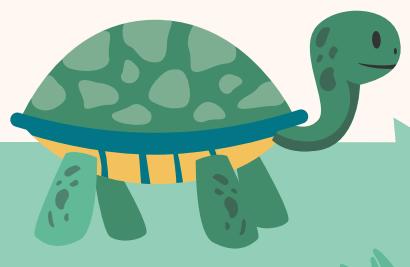
The table created in the database successfully meets all the specified requirements.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	clinicScheduleID	int(11)			No	None		AUTO_INCREMENT
2	userID	int(11)			Yes	NULL		
3	serviceType	varchar(30)	utf8mb4_general_ci		No	None		
4	petName	varchar(30)	utf8mb4_general_ci		Yes	NULL		
5	addInfo	varchar(255)	utf8mb4_general_ci		Yes	NULL		
6	petGender	varchar(10)	utf8mb4_general_ci		Yes	NULL		
7	petType	varchar(10)	utf8mb4_general_ci		No	None		
8	appointmentDate	date			No	None		
9	appointmentTime	varchar(10)	utf8mb4_general_ci		No	None		
10	contactInfo	int(10)			No	None		
11	servicePrice	decimal(10,2)			No	None		
12	paymentStatus	tinyint(1)			Yes	NULL		



04

Meeting the requirements



name	Component name	Requirements met	Requirements that are not met
Murooj Alzahrani	Sign up	1.1 1.2 1.3	nothing
	Sign in	2.2 2.3	nothing
	Supplies shop	6.1 6.2 6.3 6.4	6.5 Due to time constraints, I contented myself with storing the price and order number without storing the selected products

name	Component name	Requirements met	Requirements that are not met
Manar Al-mashi	Users experiences	9.1 9.2	nothing

name	Component name	Requirements met	Requirements that are not met
Lamis Mohammed	Emergency care	7.1 7.2 7.3 7.4 7.5 7.6	nothing

name	Component name	Requirements met	Requirements that are not met
Sarah Al-Oufi	Medical services	4.1 4.2 4.4	4.3 Due to time constraints, I made the medical services reservation not require payment on the website, only validate the date and time of the appointment and let it be booked.

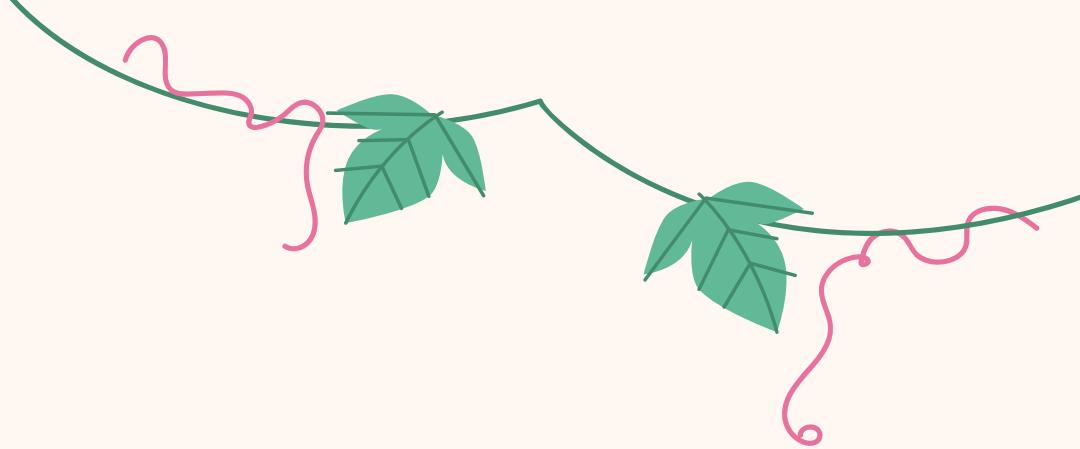
name	Component name	Requirements met	Requirements that are not met
Wejdan Alshareef	Adoption	3.2 (Just a view of (filtering and search) on the page without actually implementing them) 3.3	3.1 3.4 due to malfunction in the laptop



جامعة أم القرى
UMM AL-QURA UNIVERSITY

CHAPTER 4

Testing



01

Task Table





Task Table

component	Group members				
	Murooj Alzahrani	Sarah Al-Oufi	Manar Al-mashi	Lamis Mohammed	Wejdan Alshareef
Sign up	✓				
Sign in	✓				
Adoption					✓
Medical services		✓			
Emergency care				✓	
Users experiences			✓		

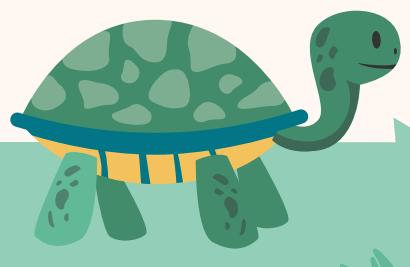


02

tables for test cases



123



Example of a test case to check the Sign up

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU01	Check user Sign up is entered when entering his full name, email, age, gender, password ,and confirm password , correctly	1.Go to website 2. Enter first name 3.Enter middle name 4.Enter last name 5.Enter email 6.Enter Age 7.select gender 8.Enter password 9.Enter confirm password 10.Click Sign up	<ul style="list-style-type: none"> first name : Murooj middle name : Mohammed last name: Alzahrani Email: Murooj@gmile.com Age: 21 select gender : female password :Mu123456 Confirm password:Mu123456 	User should be able to Sign up and insert Sign up information on the DB	was sign up is successfully registered and stored in DB , and the user is alerted that it succeeded	Pass
TU02	Check user Sign up is entered when entering his full name, email, age, gender, password ,and confirm password , incompletely	1.Go to website 2. Enter first name 3.Enter middle name 4.Enter last name 5.Enter email 6.Enter Age 7.select gender 8.Enter password 9.Enter confirm password 10.Click Sign up	<ul style="list-style-type: none"> first name : Murooj middle name : Left empty last name: Alzahrani Email: Murooj@gmile.com Age: Left empty select gender : female password :Mu123456 Confirm password:Mu123456 	User should not be able to Sign up and insert Sign up information on the DB	was not sign up is successfully registered and not stored in DB , and the user is alerted that it not succeeded and the required information must be completed	Pass
TU03	Check the user registration entry when the email entry is already used before	1.Go to website 2. Enter first name 3.Enter middle name 4.Enter last name 5.Enter email 6.Enter Age 7.select gender 8.Enter password 9.Enter confirm password 10.Click Sign up	<ul style="list-style-type: none"> first name :Lama middle name : Mohammed last name: Alzahrani Email: Murooj@gmile.com Age: 27 select gender : female password :Lm123456 Confirm password:Lm123456 	User should not be able to Sign up and insert Sign up information on the DB	was not sign up is successfully registered and not stored in DB , and the user is alerted that it not succeeded and the email you will enter must be Not used before	Pass



Example of a test case to check the Sign up

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU04	Check user Sign up is entered when entering password ,and confirm password , not match	1.Go to website 2. Enter first name 3.Enter middle name 4.Enter last name 5.Enter email 6.Enter Age 7.select gender 8.Enter password 9.Enter confirm password 10.Click Sign up	<ul style="list-style-type: none"> first name : Murooj middle name : Mohammed last name: Alzahrani Email: Murooj@gmile.com Age: 21 select gender : female password :Kr123456 Confirm password:Mu123456 	User should not be able to Sign up and insert Sign up information on the DB	was not sign up is successfully registered and not stored in DB , and the user is alerted that it not succeeded and the password ,and confirm password , must be entered identically.	Pass
TU05	Check user Sign up when email is entered in incorrect format	1.Go to website 2. Enter first name 3.Enter middle name 4.Enter last name 5.Enter email 6.Enter Age 7.select gender 8.Enter password 9.Enter confirm password 10.Click Sign up	<ul style="list-style-type: none"> first name : Murooj middle name : Mohammed last name: Alzahrani Email: Murooigmile.com Age: 21 select gender : female password :Mu123456 Confirm password:Mu123456 	User should not be able to Sign up and insert Sign up information on the DB	was not sign up is successfully registered and not stored in DB , and the user is alerted that it not succeeded and the email you will enter must be correctly formatted.	Pass

Example of a test case to check the Sign in

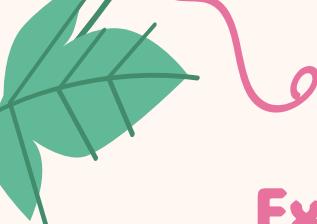
Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU01	Check user login when email and password are correctly entered	1.Go to website 2.Enter email 3.Enter password 10.Click Sign in	<ul style="list-style-type: none"> Email:Murooj@gmile.com password :Mu123456 	User should be able to login	was sign in is successfully , and the user is alerted that it succeeded	Pass
TU02	Check user login when email and password are wrongly entered	1.Go to website 2.Enter email 3.Enter password 10.Click Sign in	<ul style="list-style-type: none"> Email:Dana@gmile.com password :Da123456 	User should not be able to login	was not sign in is successfully , and the user is alerted that it not succeeded and is asked to log in with previously registered data	Pass
TU03	Check user Sign in is entered when entering email password incompletely	1.Go to website 2.Enter email 3.Enter password 10.Click Sign in	<ul style="list-style-type: none"> Email:Dana@gmile.com password :Left empty 	User should not be able to Sign up and insert Sign up information on the DB	was not sign in is successfully, and the user is alerted that it not succeeded and the required information must be completed	Pass

Example of a test case to check the Adoption

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU01	Check user adoption application when filling the adoption form	<ol style="list-style-type: none"> 1. Go to website 2. Browse pets 3. Choose a pet 4. Fill adoption form 	Name: john Email: kdia@gmai.com Phone:04560456 City : Makkah	User should be able fill and submit the adoption form	Adoption Application is successfully submitted without any error message	Pass
TU02	Check user adoption application when missing some field of the adoption form	<ol style="list-style-type: none"> 1. Go to website 2. Browse pets 3. Choose a pet 4. Fill adoption form 	Name: john Email: Phone:04560456 City : Makkah	User should not be able to submit the adoption form	Adoption Application is not successfully submitted	Pass

Example of a test case to check the Medical services

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU01	Check user booking appointment when choosing available date & time	<ol style="list-style-type: none"> 1. Go to website 2. Enter pet's name 3. Enter owner's phone number 4. Choose pet's kind 5. Choose pet's gender 6. Choose date 7. Choose time 8. Click "Book" 	Pet's name: Loofy Phone number: 561000000 Pet's Kind: Dog Pet's gender: Male Date: 15-05-2024 Time: 5 pm Additional note:	User should be able to book an appointment	Booking was successful	Pass
TU02	Check user booking appointment when choosing Unavailable date & time	<ol style="list-style-type: none"> 1. Go to website 2. Enter pet's name 3. Enter owner's phone number 4. Choose pet's kind 5. Choose pet's gender 6. Choose date 7. Choose time 8. Enter additional note 9. Click "Book" 	Pet's name: Losy Phone number: 547800000 Pet's Kind: Cat Pet's gender: Female Date: 15-05-2024 Time: 5 pm Additional note: A very active cat	User should not be able to book an appointment	Booking was not successful	Pass
TU03	Checking user booking when phone number is entered correctly	<ol style="list-style-type: none"> 1. Go to website 2. Enter pet's name 3. Enter owner's phone number 4. Choose pet's kind 5. Choose pet's gender 6. Choose date 7. Choose time 8. Click "Book" 	Pet's name: Loofy Phone number: 561000000 Pet's Kind: Dog Pet's gender: Male Date: 16-05-2024 Time: 6 pm Additional note:	User should be able to book an appointment	Booking was successful	Pass
TU04	Checking user booking when phone number is entered wrongly	<ol style="list-style-type: none"> 1. Go to website 2. Enter pet's name 3. Enter owner's phone number 4. Choose pet's kind 5. Choose pet's gender 6. Choose date 7. Choose time 8. Click "Book" 	Pet's name: Loofy Phone number: 51876675s Pet's Kind: Dog Pet's gender: Male Date: 15-05-2024 Time: 6 pm Additional note:	User should not be able to book an appointment	Booking was not successful	Pass



Example of a test case to check the Users experiences

Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU01	Check that the user experience is entered when entering their triple name correctly	<ol style="list-style-type: none"> 1. Go to website 2. Enter first name 3. Enter middle name 4. Enter last name 5. Tap Star Rating 6. Write feedback 7. Click submit 	<ul style="list-style-type: none"> • first name: Amal • middle name: Saad • last name: Al mash • Tap Star Rating: 5 • Feedback: Overall Satisfied, Thank You Joyful Paws! 	User should be able to insert user's experience on the DB	The user experience is stored successfully, and the user is alerted that it succeeded.	Pass
TU02	Check that the user experience is entered when entering their triple name wrongly	<ol style="list-style-type: none"> 1. Go to website 2. Enter first name 3. Enter middle name 4. Enter last name 5. Tap Star Rating 6. Write feedback 7. Click submit 	<ul style="list-style-type: none"> • first name: Amal • middle name: Saad • last name: Ali • Tap Star Rating: 5 • Feedback: Overall Satisfied, Thank You Joyful Paws! 	User should not be able to insert user's experience on the DB	The user experience was not stored successfully, and the user is alerted that it not succeeded.	Pass
TU03	Check that the user experience entry when the triple name is entered correctly but its experience has been recorded before.	<ol style="list-style-type: none"> 1. Go to website 2. Enter first name 3. Enter middle name 4. Enter last name 5. Tap Star Rating 6. Write feedback 7. Click submit 	<ul style="list-style-type: none"> • first name: Amal • middle name: Saad • last name: Al mash • Tap Star Rating: 3 • Feedback: Average experience, had some issues with checkout process. 	User should not be able to insert user's experience on the DB	The user experience was not stored successfully, and the user is alerted that it not succeeded.	Pass
TU04	Check the user experience entry when a field is left empty.	<ol style="list-style-type: none"> 1. Go to website 2. Enter first name 3. Enter middle name 4. Enter last name 5. Tap Star Rating 6. Write feedback 7. Click submit 	<ul style="list-style-type: none"> • first name: Amal • middle name: Saad • last name: Al mash • Tap Star Rating: 5 • Feedback: ----- 	User should not be able to insert user's experience on the DB	The user experience was not stored successfully, and the user is alerted that he should fill empty field.	Pass

Example of a test case to check the Emergency care

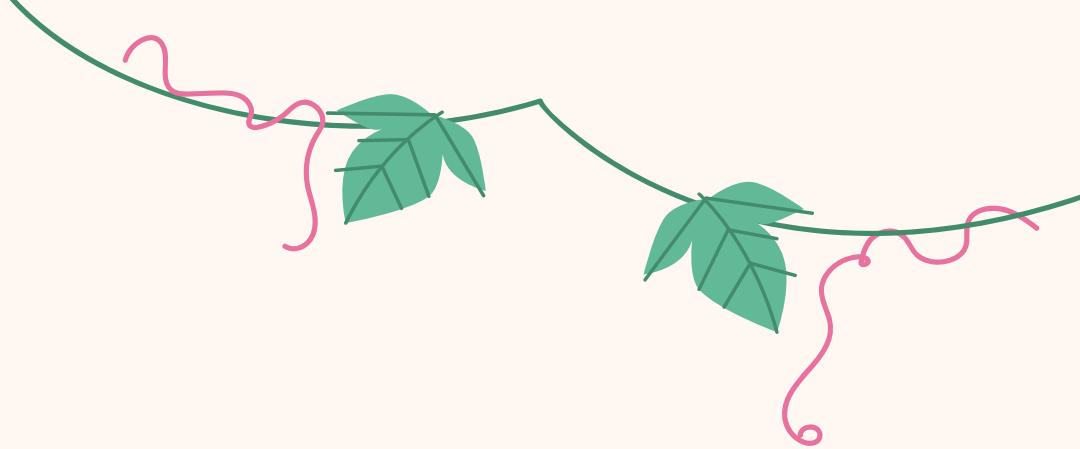
Test Case ID	Test Case Description	Test Steps	Test Data	Expected Result	Actual Result	Status
TU01	check that the emergency request is registered in the database when all fields are entered correctly	1. Go to the Emergency Requests page 2. Enter all the data provided correctly 3. Upload an image with the extension (png, jpg, jpeg). 4. Click the "Request Emergency Care" button.	Phone: 0512345678 Address : 1234 Al-Qadisiyah Street City: Makkah Region : Makkah Pet type : Cat Pet status: Cat virus Photo : cat.png Date : 13-5-2024 Time : 4:44 pm	The request should be saved in the emergency table in the DB	The request is stored successfully ,the user is alerted that is succeeded	Pass
TU02	check that the emergency request is registered in the database when all fields are entered wrongly.	1. Go to the Emergency Requests page 2. Enter all the data provided wrongly 3. Upload an image with extension (.bmb) 4. Click the "Request Emergency Care" button.	Phone: 1234567891 Address : Street City: Makkah Region : Makkah Pet type : Cat Pet status: Cat virus Photo : cat.bmb Date : 13-5-2024 Time : 4:44 pm	The request should be not saved in the emergency table in the DB	The Request is not stored, and the user is alerted to enter valid inputs for each field.	Pass
TU03	check that any fields are left empty.	1. Go to the Emergency Requests page 2. Enter "some" the data provided 3. Upload an image with extension (.png) 4. Click the "Request Emergency Care" button.	Phone: Address : Street City: Region : Makkah Pet type : Pet status: Photo : cat.png Date : 13-5-2024 Time :	The request should be not saved in the emergency table in the DB.	The request is not stored, and the user is alerted to enter each field.	Pass
TU04	Check that the image extension is as specified in the requirements: (png, jpg, jpeg).	1. Go to the Emergency Requests page 2. Enter all the data provided correctly 3. Upload an image with extension (.bmb) 4. Click the "Request Emergency Care" button.	• Phone: 0512345678 Address : 1234 Al-Qadisiyah street City: Makkah Region : Makkah Pet type : Cat Pet status: Cat virus Photo : cat.bmb Date : 13-5-2024 Time : 4:44 pm	The request should be not saved in the emergency table in the DB.	The request is not stored, and the user is alerted to upload an image with the specified extensions.	Pass



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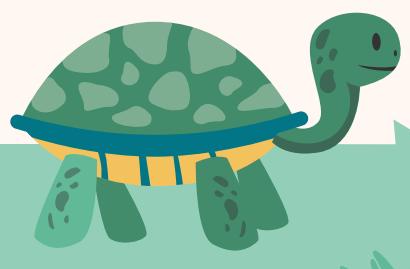
CHAPTER 5

Evolution



01

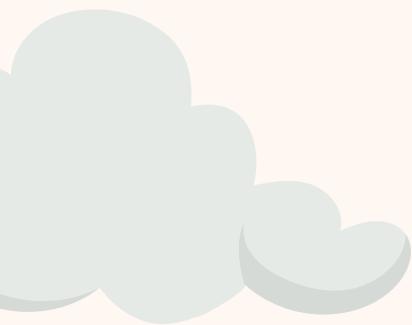
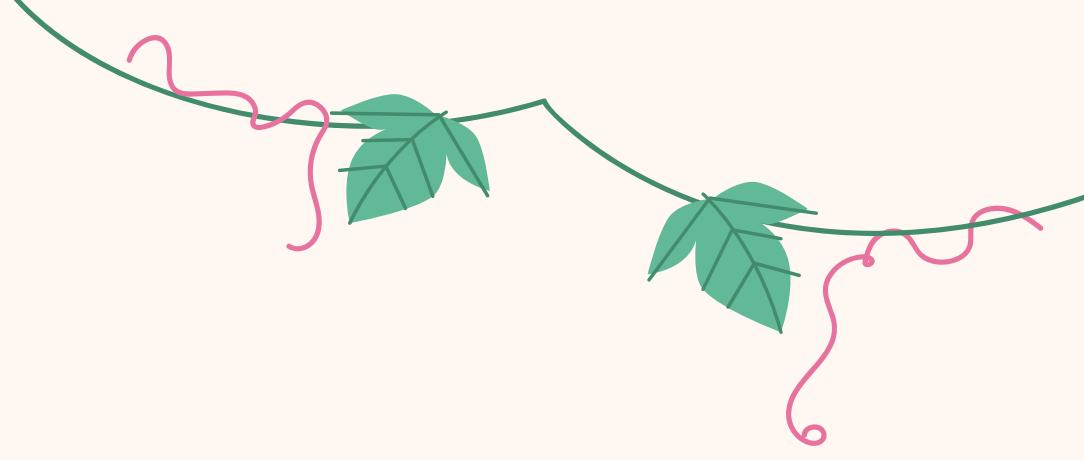
Task Table





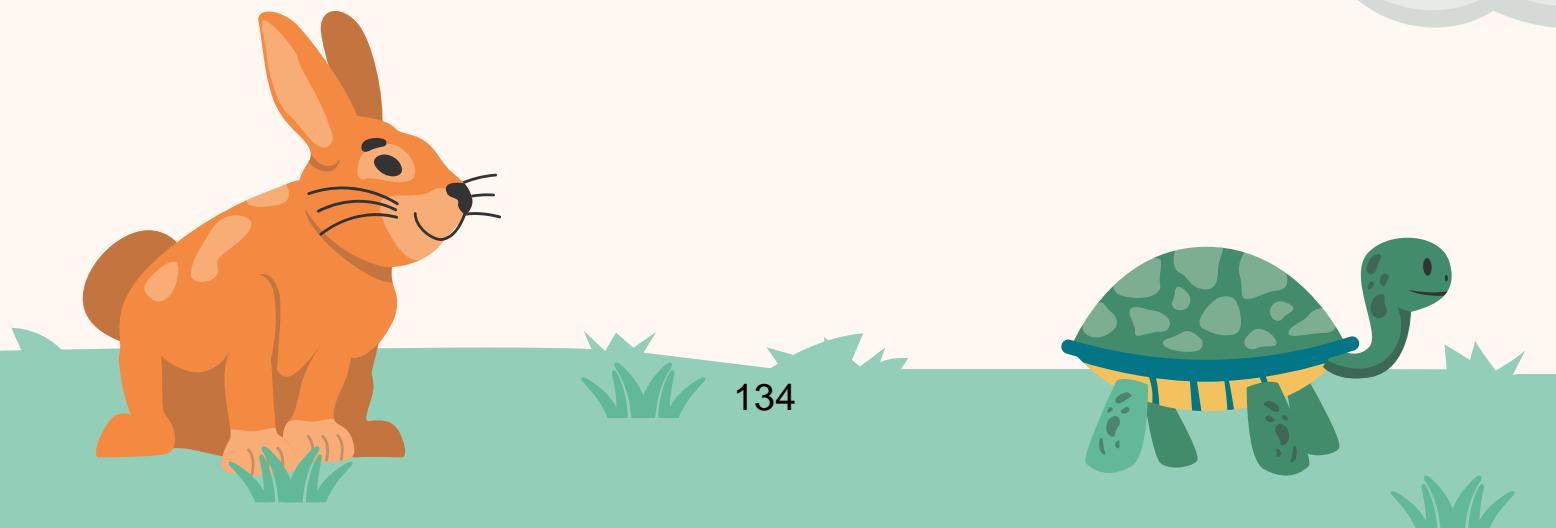
Task Table

component	Group members				
	Murooj Alzahrani	Sarah Al-Oufi	Manar Al-mashi	Lamis Mohammed	Wejdan Alshareef
Supplies Shop	✓				
Adoption					✓
Medical services		✓			
Emergency care				✓	
Users experiences			✓		



02

Evolution



Evolution (Supplies Shop)

```
function showCartItems() {
    let cartItemList = document.getElementById("cartItemList");
    cartItemList.innerHTML = "";

    let totalPrice = 0;
    cartItems.forEach((item, index) => {
        let li = document.createElement("li");
        li.classList.add("list-group-item", "d-flex", "justify-content-between", "align-items-center");

        // Display product name, quantity, and total price for each item
        let itemTotal = item.price * item.quantity;
        li.innerHTML = `${item.name} <br>- Quantity: ${item.quantity} <br>- Total: ${itemTotal} SAR`;

        // Create delete button for each item
        let deleteButton = document.createElement("button");
        deleteButton.innerHTML = "&#10006;";
        deleteButton.classList.add("btn", "btn-danger");
        deleteButton.addEventListener("click", () => {
            removeCartItem(index);
        });
        li.appendChild(deleteButton);

        cartItemList.appendChild(li);
        totalPrice += itemTotal;
    });

    // Add total price to the bottom of the cart
    let totalItem = document.createElement("li");
    totalItem.classList.add("list-group-item", "fw-bold", "text-end");
    totalItem.textContent = `Total Price: ${totalPrice} SAR`;
    cartItemList.appendChild(totalItem);
    document.getElementById("totalPriceInput").value = totalPrice;
    $('#cartModal').modal('show');
}
```

Bad Smell: No Comments

Description: The code has no comments explaining its functionality.

Refactoring: addition comments to clarify the purpose of different sections and functions in the code.

Bad Smell: Mixing CSS and JavaScript in the Same File

Description: JavaScript and CSS code are merged into one file, result in gin reduced maintainability and readability

Refactoring: Separation JavaScript and CSS code into distinct files.

Bad Smell: Error Handling and Validation

Description: There is no error handling or validation shown in the code.

Refactoring: Implementation error handling and validation to ensure the application behaves correctly in case of unexpected inputs or issues.

Bad Smell: Code Duplication

Description: There might be duplication in creating similar elements (like list items and delete buttons).

Refactoring: Create reusable functions or components to handle repeated tasks.

Evolution (Adoption)

```
412 }  
413     .form-container label {  
414         width: 60px;  
415         margin: auto;  
416         padding-bottom: 0%;  
417         padding-right: 50px;  
418     }  
419     .form-container form {  
420         display: inline-block;  
421         text-align: left;  
422         padding: 20px;  
423     }  
424  
425     </style>  
426  
427     <Script>  
428     function showForm() {  
429         var formContainer = document.getElementById("form-container");  
430         formContainer.style.display = "block";  
431     }  
432     </script>  
433  
434     <div class="container">  
435         <a href="#" class="btn btn-outline-dark btn-lg text-uppercase fs-6 rounded-1 py-2 px-4" onclick="showForm()"> Adopt me now </a>  
436     </div>  
437  
438     <div id="form-container" class="form-container">  
439         <h5>Adoption Form </h5>  
440         <form>  
441             <label for="name">Name:</label>  
442             <input type="text" id="name" name="name" required><br><br>  
443  
444             <label for="phone">Phone Number:</label>  
445             <input type="tel" id="phone" name="phone" required><br><br>  
446  
447             <label for="email">Email:</label>  
448             <input type="email" id="email" name="email" required><br><br>  
449  
450             <label for="city">City:</label>  
451             <input type="text" id="city" name="city" required><br><br>
```

Bad smell : contain JavaScript and CSS code in same file

Description :Combining JavaScript and CSS code into a single file can result in reduced maintainability and readability.

Refactoring :Organize CSS and JavaScript in separate files.

Bad smell : Code duplication

Description : there is a duplication in the code based on similarity of content

Refactoring: By making reusable functions , avoid writing the same code repeatedly.

Bad smell: no comments

Description : code does not contain any comments that's explain functions or elements of the code

Refactoring : adding comments to explain functions and section in the code



Evolution (Medical services)

```
// Check if the appointment date and time are available
$sql = "SELECT * FROM clinicSchedule";
$result = $conn->query($sql);
$appointmentExists = false;

//checking
if ($result->num_rows > 0) {
    while ($row = $result->fetch_assoc()) {
        if ($row['appointmentDate'] === $appointmentDate && $row['appointmentTime'] === $appointmentTime) {
            $appointmentExists = true;
            break; // Exit the loop if a matching appointment is found
        }
    }
}

//After checking
if ($appointmentExists === true) {
    ?>
    <script> swal('Sorry, it seems that there is an appointment booked on the same day/time. \n Please select another date/time.'); </script>
    <?php
    header('location: checkUp-service.php');
} else {
    $insert = "INSERT INTO clinicSchedule (serviceType, petName, petGender, petType, appointmentDate, appointmentTime, addInfo, contactInfo, VALUES ('$serviceType', '$petName', '$petGender', '$petType', '$appointmentDate', '$appointmentTime', '$addInfo', '$contactInfo', '$servi
//did the insertion go well?
if ($conn->query($insert) === TRUE) {
    ?>
    <script>
    swal('Thank you!', 'You booked an appointment successfully!', 'success'); </script>;
    <?php
    header('location: medical-services.php'); // Redirect after successful booking
} else {
    echo "Error: " . $insert . "<br>" . $conn->error;
}
}
}

//End of outer IF
```

Bad smell: Inefficient Database Query

Description: The code retrieves all records from clinicSchedule and then checks each record to see if the appointment exists. This could be inefficient if there are many records.

Refactoring: Using a SQL WHERE clause to check for the appointment directly in the database.

Bad smell: Improper Error Handling

Description: If the database query fails, the code simply echoes the error message. This could reveal sensitive information.

Refactoring: Using a more user-friendly way to handle and report errors.

Bad smell: Direct use of PHP in JavaScript

Description: The code is directly using PHP inside a JavaScript code (swal function). This can lead to confusion and potential security risks.

Refactoring: Passing data from PHP to JavaScript in a safer manner.

Bad smell: Repeated code for Checking appointment existence

Description: The condition if (\$row['appointmentDate'] === \$appointmentDate && \$row['appointmentTime'] === \$appointmentTime) is evaluated for each row.

Refactoring: Moving this check outside the loop and set the \$appointmentExists flag accordingly.

Evolution (Emergency care)

```
67
68 <div class="col-xl-8">
69   <div class="card-body p-md-5 text-black">
70     <form name="EmergencyForm" class="form-group" action="insertE.php" method="post" enctype="multipart/form-data" onsubmit="return validationForm()" >
71
72       <h3 class="mb-5 text-uppercase">Emergency Details</h3>
73
74       <div class="row">
75         <div class="col-md-6 mb-4">
76           <fieldset>
77             <legend> Contact You</legend>
78             <label for="phone" class="form-label" >Phone *: </label>
79             <input style="letter-spacing:2px;font-family:'Font Awesome 5 Free'; font-weight:501;" type="number" id="phone" name="phone" class=" mt-2 mb-4 ps-3" placeholder="Phone Number" required>
80           </fieldset>
81         </div>
82       </div> -----ROW 2----->
83     <div class="row">
84       <fieldset>
85         <legend> Address </legend>
86         <div class="row">
87           <div class="col-md-6 mb-4">
88             <div data-mdb-input-init class="form-outline">
89               <label for="inputAddress" class="form-label" >Address*: </label>
90               <input style="letter-spacing:2px;font-family:'Font Awesome 5 Free'; font-weight:501;" type="text" name="iAddress" placeholder=" Street number and street name" required>
91             </div>
92           <div class="col-md-6 mb-4">
93             <div data-mdb-input-init class="form-outline">
94               <label for="inputCity" class="form-label" >City*: </label>
95               <input style="letter-spacing:2px;font-family:'Font Awesome 5 Free'; font-weight:501;" type="text" name="City" placeholder=" City name" required>
96             </div>
97           </div>
98         </div>

```

Bad Smell: lack of Comments

Description: It can affect the readability, maintainability, and collaboration aspects of your code base.

Refactoring: add comments when using new classes or add-ons, to make it easier to understand and read the code.

Bad Smell: use inline CSS

Description: embedding css directly into html can make the code more difficult to read and maintain, also, inline css can be downloaded with every page load, which can slow down our website.

Refactoring: Separate CSS code into distinct files our in `<style>` tag in the head section.

Bad Smell: poor user experience

Description: The entire page turns white except for the alert message when a form is submitted which can cause annoying user experience and may negatively affect the usability and professionalism of the website. This behavior can disrupt user flow and make it appear as if the website has frozen or crashed, which can lead to frustration and potentially prevent users from further interacting with our site.

Refactoring: Instead of using the default `alert()` function, I will use a custom notification system that overlays the existing page content without causing the entire page to turn white. This allows users to continue interacting with the rest of the page while still being alerted to important messages.

Evolution (Emergency care)

Sms.php

```
* sms.php
1  <?php
2
3  require 'twilio-php-main\src\Twilio\autoload.php';
4
5  use Twilio\Rest\Client;
6
7  // Your Account SID and Auth Token from console.twilio.com
8  $sid = "AC854ca4539966faf85f6aa5c893fe9eae";
9  $token = "70fe059f25b6a54496a0901cac0dia77";
10 $twilioNumber = '+13253123353';
11
12 // Create Twilio client
13 $client = new Client($sid, $token);
14
15 // Function to send SMS
16 function sendSMS($to, $message) {
17     global $client, $twilioNumber;
18     try {
19         $client->messages->create(
20             $to,
21             array(
22                 'from' => $twilioNumber,
23                 'body' => $message
24             )
25         );
26         echo "SMS sent successfully to $to";
27     } catch (Exception $e) {
28         echo "Error: " . $e->getMessage();
29     }
}
```

Bad Smell: The code does not send text messages due to the limitations of the API used.

Description: there are many limits to using the free version of twilio, including which numbers are acceptable for texting.

Refactoring: Using a better version allows the transmission process to a wider number of users from different regions.



Evolution (Users experiences)



```
<div id="carouselExampleControls" class="carousel slide" data-bs-ride="carousel">
<div class="carousel-inner">
<?php
// Connect to the database and retrieve data
include('myConfig.php');

$sql = "SELECT firstName, middleName, lastName, rating, feedback FROM CustomerExperiences";
$result = mysqli_query($conn, $sql);

// Check if data exists and create carousel-item elements
if (mysqli_num_rows($result) > 0) {
    $active = true;
    while($row = mysqli_fetch_assoc($result)) {
        // Create carousel-item element and determine if it's active or not
        echo "<div class='carousel-item " . ($active ? " active" : "") . "'>";
        // Display user name inside carousel-item
        // echo "<p>" . $row["firstName"] . " " . $row["lastName"] . "</p>";

        // Card
        echo "<section id='testimonials'>";
        echo "<div class='testimonial-box-container'>";
        echo "<div class='testimonial-box'>";
        echo "<div class='box-top'>";
        echo "<div class='profile'>";
        echo "<div class='profile-img'>";
        echo "<img src='images/paws.png' />";
        echo "</div>";
        echo "<div class='name-user'>";
        echo "<strong>" . $row['firstName'] . " " . $row['middleName'] . " " . $row['lastName'] . "</strong>";
        echo "<span>Rating: " . $row['rating'] . "/5 </span>";
        echo "</div>";
        echo "</div>";
        echo "<div class='reviews'>";
        for ($i = 1; $i <= 5; $i++) {
            if ($i <= $row['rating']) {
                echo "<i class='fas fa-star'></i>"; // Print a filled star
            } else {
                echo "<i class='far fa-star'></i>"; // Print an empty star
            }
        }
        echo "<i class='fas fa-star'></i>";
        echo "<i class='fas fa-star'></i>";
        echo "<i class='fas fa-star'></i>";
        echo "<i class='fas fa-star'></i>";
        echo "<i class='far fa-star'></i>";
        echo "</div>";
        echo "</div>";
        echo "<div class='client-comment'>";
        echo "<p>" . $row['feedback'] . "</p>";
        echo "</div>";
        echo "</div>";
        echo "</div>";
        echo "</section>";
        echo "</div>";
        // Update active value for carousel-item
        $active = false;
    }
} else {
    // If no records found
    echo "0 results";
}
// Close database connection
mysqli_close($conn);
?>
</div>
```

Bad Smell: Duplicate Code

Description: Repeated HTML construction code within the `while` loop makes maintenance difficult.

Refactoring: Extract repeated code into a separate function and call it within the loop for cleaner and easier maintenance.

Bad Smell: Poor Error Handling

Description: Lack of error handling for database connection and query execution means users can't diagnose issues.

Refactoring: Add error handling to improve stability and provide useful error messages.

Bad Smell: Inline Queries in PHP

Description: Mixing data access with display logic complicates testing and maintenance.

Refactoring: Separate data access into a distinct layer (API) and call it from the display logic.

Bad Smell: Insufficient Comments

Description: Lack of meaningful comments makes the code hard to understand, while some comments are unnecessary.

Refactoring: Add helpful comments where needed and remove unnecessary ones.