**Project Title - PawFam**

GitHub: https://github.com/PROFESSOR-DJ/Full-Stack-Project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Roll No | Name | Module Info | Role (Modules/Form/Database/Table/Visualization/Report/Testing/API) | Product referred for comparison |
| CB.SC.P2CSE25009 | DHIRAAJ K V | - | Forms, Databases, Tables, Visualization, Testing, API | Juspets,iAdopt, Charlies Animal Rescue Center |

**Abstract:**

* PawFam is a connecting platform for premier short-term pet shelter and care centers and pet owners who are out to take a break for themselves.​
* Additionally, we link a wide range of pet food and accessory retailers with customers and pet adoption centers with prospective owners.​
* Many of the existing services like Charlies Animal Rescue Centre (timely medical aid to injured and ill animals), Petsy (Pet Food and accessories), PetPlace (Pet Adoption) only focus on a single aspect of pet care and services. We are a one-stop solution for pet adoption and all your pet care and needs. ​
* Our USP is that we bridge short-term pet shelter and care centers with pet owners who want to spend some time for themselves (be it a vacation, a family function etc.)​
* List of reports – Pet Accessories and Pet Food (Daily Sales Report across all vendors), Pet Shelter (Daily Intake report, Daily Pet Churn report across all vendors), Pet Adoption (New Pet owners report across all vendors – on a daily basis)​

**Overall Block Diagram:**

**A diagram of a company

AI-generated content may be incorrect.**

**Explanation of Modules in the Block Diagram:**

* In this website the user first lands on the home page where we list the type of services we provide. The user can able to sign up or login with their credentials.
* They again land on the home page where they can navigate to Pet Care or Pet Adoption or Pet Accessories or Learn More on pets.
* In Pet Care page the user can able to view the list of pet care shelters (vendors) who provide the service of pet day care.
* They list down their services, cost, availability, location and contact details. Here the user can view the pet care shelter, book a slot, and make the payment.
* In Pet Adoption page the user can able to view the list of pets that can be adopted which contains the pet’s name, breed, age, and other details along with the price.
* Here the user is not required to make the payment rather visit the adoption centre in person and adopt the pet and make the payment.
* In Pet Accessories page, the user can able to view the list of different pet products, their availability, use case, price, tentative delivery time, more about the product etc.
* The user can add them to the cart and check out and make the payment through the payment gateway.
* And finally, the Learn More on Pets page contains the list of pet animals, their breeds and activity in general so that users can get an idea of which pet they should go with. I
* f the user is inactive for 15 minutes the page automatically logs off. And the user can also log out from the webpage manually.

**List of Products and their features which are referred by us for building our application:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Product Name​** | **URL​** | **Features​** | **What features are missing in the product (Can also include responsiveness, Technology aspect)​** |
| Juspets​ | <https://www.juspets.in/>​ | Listing about pet care and real-time postings​ | The website is not very responsive (user posting)​ |
| IAdopt​ | <https://iadopt.in/>​ | Adoption services, Donation and large community​ | Usage if Google forms to fill application to adopt​ |
| Charlies Animal Rescue Centre​ | https://charlies-care.com/​ | Animal Shelter which provides timely medical aid to injured and ill animals​ | They do not offer short term pet care and shelter services.​ |

**Users in the Product and their roles:**

|  |  |  |
| --- | --- | --- |
| **User Name​** | **Role​** | **Type of functions expected by user​** |
| **Customer​** | **Utilize the provided service​** | **Login, Utilize the services offered​** |
| **Service Providers​** | **Update their service to the user​** | **Update the availability of services and price​** |
| **​Admin** | **Administrator​** | **Monitor logs and update bug fixes​** |

**Modules in the Project**

**Core Features Breakdown**

**Module 1 – Home Page**

**Login/SignUp/Forgot**

* Simple registration with User Name, E-mail & Password
* Login using E-mail and Password
* Enter E-mail to receive instructions to update password

**Home Page**

* Attractive home page that showcases the services we provide
* Direct links to Services, Accessories, Adoption, Learn More
* Responsive Web Design and Navigation bar

**Cart/Check Out**

* Additional icon to list the previous transactions
* Integration of Payment gateway

**Module 2 – Pet Shelter (User side)**

**Profile Creation**

* Profile setup: Profile Update, Details of the Pet

**Pet Shelter**

* Listing of available vendors (Pet Care Centres): with the services, cost, availability, location
* Add contact details to enquire with the vendor
* Booking slot and days of care

**Module 3 – Pet Adoption (User side)**

**Profile Creation**

* Profile setup: User Profile Update with contact details

**Pet Adoption**

* Listing of available vendors (Pet Adoption Centres): with location, pet type, breed, age etc.
* Add contact details to enquire with the vendor
* Book for a visit

**Module 4 – Pet Care Products (User side)**

**Profile Creation**

* Profile setup: User Profile Update with contact details and address

**Pet Care Accessories**

* Listing of available products (from different vendors): with cost, discount, availability
* Add to cart functionality
* Update or delete the products in the user’s cart and perform payment checkout

**Module 5 – Learn About Pets**

**Learn About Pets**

* Listing of different pet animals
* Their breeds, behaviour, specialities, life span
* Picture to visually represent the particular breed

**Technical Stack Implementation**

**Frontend (React)**

* Home page with listing of different services
* Navigation to the particular service page of choice
* Simple form components
* Responsive design

**Backend (Python, MongoDB)**

* User authentication
* CRUD operations with MongoDB
* Email integration SMTP
* API integration for the payment gateway