

PAWSITIVE DAYCARE

MERN STACK WEB APPLICATION

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PURPOSE



Pawsitive Daycare is an app designed to help a pet company and their clients have a way to communicate and engage with one another. The app allows users to view information about the company and place bookings with the companies services at the comfort of their own device.

They are able to keep tabs on when and who the booking is for as well as how much the services cost.

MAIN GOAL



Provide a centralised platform for clients to access all necessary data and service information effortlessly.



Enhance the overall user experience by simplifying interactions between the business and its clients.



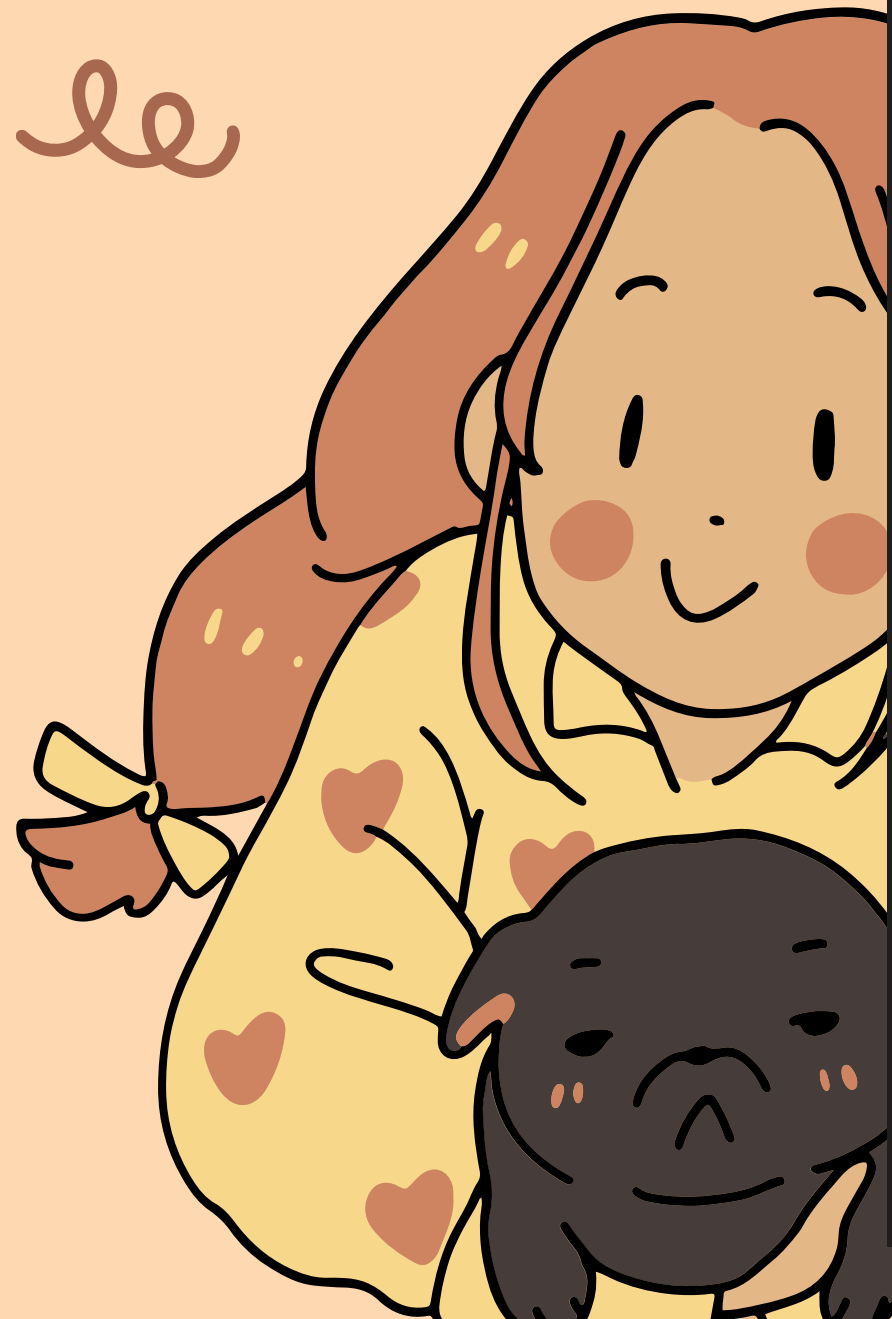
WEBSITE WALKTHROUGH



BOOKING DASHBOARD

```
8
9  const BookingDashboard = () => {
10    const { user } = useUserContext();
11    const { state } = useLocation();
12    const [time, setTime] = useState("");
13    const [selectedDate, setSelectedDate] = useState(new Date());
14    const nav = useNavigate();
15    const [form, setForm] = useState({
16      service_name: state ? state.service_name : "",
17      pet_animal: "",
18      pet_name: "",
19      pet_breed: "",
20      pet_age: "",
21    });
22
23    useEffect(() => {
24      if (!user) {
25        nav("/login");
26      }
27    }, [user, nav]);
28
29    const matchPrice = (name) => {
30      const service = ourServices.find((s) => s.service_name === name);
31      return service ? service.service_price : "";
32    };
33
34    const handleForm = (e) => {
35      const { name, value } = e.target;
36      if (name === "service_name") {
37        setForm((prev) => ({
38          ...prev,
39          [name]: value,
40          service_price: matchPrice(value),
41        }));
42      } else {
43        setForm((prev) => ({ ...prev, [name]: value }));
44      }
45    };
46  };
```





```
const handleSubmit = async (e) => {
  e.preventDefault();
  if (!time || !form.service_name || !form.pet_animal || !form.pet_name) {
    alert("Please fill in all required fields.");
    return;
  }

  const formattedDate = {
    year: selectedDate.getFullYear(),
    month: selectedDate.getMonth() + 1,
    day: selectedDate.getDate(),
    time,
  };

  const newBooking = {
    user: user,
    service: {
      name: form.service_name,
      price: matchPrice(form.service_name),
    },
    date: formattedDate,
    pet: {
      animal: form.pet_animal,
      name: form.pet_name,
      breed: form.pet_breed,
      age: form.pet_age,
    },
  };
  console.log("New Booking:", newBooking);
  try {
    const response = await fetch(`${fetchURL}/mybookings`, {
      method: "POST",
      headers: {
        "Content-Type": "application/json",
        "Authorization": `Bearer ${user.token}`,
      },
      body: JSON.stringify(newBooking),
    });

    if (response.ok) {
      const data = await response.json();
      alert("Booking successfully created!");
      console.log("Booking Created:", data);
      nav("/MainDashboard"); // Redirect to bookings list
    } else {
      const error = await response.json();
      alert(`Error: ${error.message}`);
    }
  } catch (err) {
    console.error(err);
    alert("An error occurred while creating the booking.");
  }
};
```

CHALLENGES

```
POST http://localhost:8080/mybookings

Body *
JSON Prettify

1 {
2
3 "service": {
4   "name": "Pet Daycare",
5   "price": 100
6 },
7 "date": {
8   "year": 2023,
9   "month": 2,
10  "day": 21,
11  "time": "4:30"
12 },
13 "pet": {
14   "animal": "dog",
15   "name": "kyle",
16   "gender": "boy",
17   "breed": "ragdoll",
18   "age": 3
19 }
20 }
```

```
Response
201 Created 137ms 216B

1 {
2   "service": {
3     "name": "Pet Daycare",
4     "price": 100
5   },
6   "date": {
7     "year": 2023,
8     "month": 2,
9     "day": 21,
10    "time": "4:30"
11  },
12   "pet": {
13     "animal": "dog",
14     "name": "kyle",
15     "breed": "ragdoll",
16     "age": 3
17   },
18   "_id": "676488e8877a91ed561be328",
19   "user": null,
20   "__v": 0
21 }
```

```
at main (<anonymous>)
at div (<anonymous>)
at useContextProvider (UserContext.jsx:6:1)
at App (<anonymous>)
Show ignore-listed frames

Bookings found MainDashboard.js:25
Bookings: ▶ [{...}] MainDashboard.js:154
el Fri Dec 20 2024 07:29:30 GMT+1100 (Australian Eastern Daylight Time) Mon Dec 02 2024 00:00:00 GMT+1100 (Australian Eastern Daylight Time) ▶ {day: 2, month: 12, year: 2024} MainDashboard.js:163
Bookings: ▶ [{...}] MainDashboard.js:154
el Fri Dec 20 2024 07:29:30 GMT+1100 (Australian Eastern Daylight Time) Mon Dec 02 2024 00:00:00 GMT+1100 (Australian Eastern Daylight Time) ▶ {day: 2, month: 12, year: 2024} MainDashboard.js:163
https://pawsitivedaycare-backend.onrender.com/mybookings/6763873_ BookingDashboard.js:304
User BookingDashboard.js:306
  { _id: '67638730576f98c36c369e78', token: 'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2NzYzODczMDU3NmY5OGMzNmMzNjllLnZgiLCJpYXQiOi0jE3MzQ2NDAxNjksImV4cCI6MTczNDY0Mzc2OXA0.2o3RW2TJwzhLMKMnKvdeVYu_krFHU3Yhm6XaofANYxo' }
✖ ▶ POST https://pawsitivedaycare-backend.onrender.com/mybookings 401 (Unauthorized) BookingDashboard.js:307
user.token BookingDashboard.js:314
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2NzYzODczMDU3NmY5OGMzNmMzNjllLnZgiLCJpYXQiOi0jE3MzQ2NDAxNjksImV4cCI6MTczNDY0Mzc2OXA0.2o3RW2TJwzhLMKMnKvdeVYu_krFHU3Yhm6XaofANYxo
▶ {error: 'Access denied, please login'} BookingDashboard.js:317
>
```


THANK YOU

