How to create the React Component

About Community Brands

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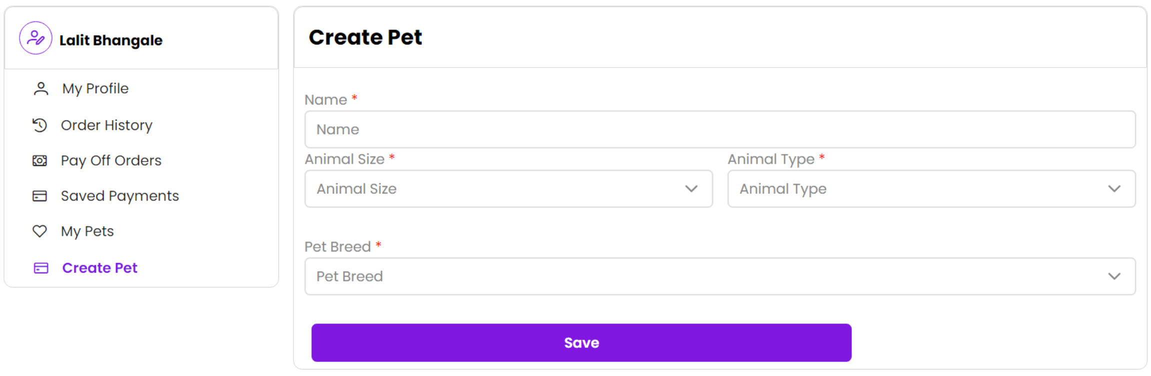
We are planning to build page to create pet record, UI will look like,



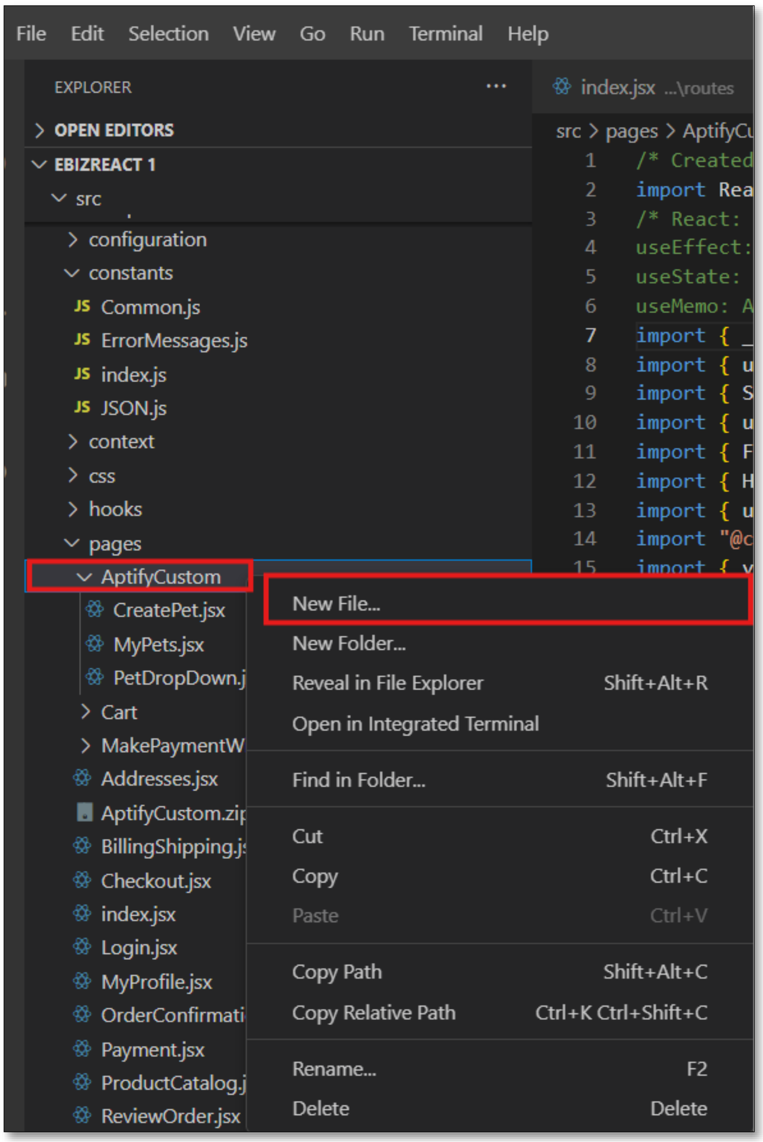
Note: Prerequisites files for this page are as follows, you will find code for this file at end of document.

a. Css file \src\css\Pet.scss

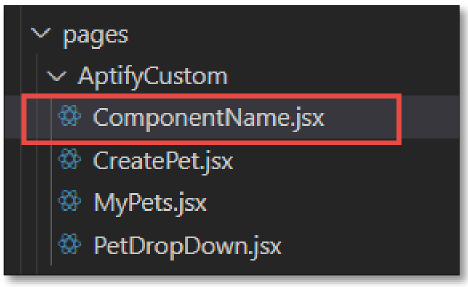
b. Validation file \src\validations\AptifyCustom\createMyPetValidation.js

1. Creating new page in react

- Create `jsx` file in `pages > AptifyCustom` folder. If `AptifyCustom` folder does not exist, create folder and right click on `AptifyCustom` Folder. Click New File and name the file with extension `jsx`.



```
/* Created
import Rea
/* React:
useEffect:
useState:
useMemo: A
import { _
import { u
import { S
import { u
import { F
import { H
import { u
import "@c
import { v
```



2. Define/create the Component

- Create a functional component named **`CreatePets`**, Match the file name with the component name, using PascalCase.

Example:

```
const CreatePet = () => {
```

```
return (
  <>
        //Design your UI
  </>
)}

export default CreatePet;
```

3. Import React into the Component.

- React: The core library for building user interfaces.

```
import React from "react";
```

Example Usage –

```
/* React: The core library for building user interfaces.
useEffect: A hook for performing side effects in function components (e.g.,
data fetching, subscriptions).
useState: A hook for adding state to function components.
useMemo: A hook for memoizing expensive calculations to optimize performance.
*/
import React, { useEffect, useState, useMemo } from "react";

/* _get and _post: Functions for making GET and POST requests to your API. */
import { _get, _post } from "@api/APIClient";

/* useStateUser: A custom hook, likely for managing user state. */
import { useStateUser } from "@hooks/useStateUser";

/* SimpleButton: A reusable button component. */
import { SimpleButton } from "@/components/atoms";
/* useForm: A hook for managing form state and validation. */
import { useForm } from "react-hook-form";
";/*  FormBuilder: A component for dynamically building forms. */
import { FormBuilder } from "@/components/molecules”

/* HTTP_STATUS_CODES: An object containing HTTP status codes for reference. */
import { HTTP_STATUS_CODES } from "@/constants";

/* useToast: A hook for displaying toast notifications. */
import { useToast } from "@/context/ToasterProvider";
/* A stylesheet for styling your components. */
import "@css/PetCatalog.scss";
```

```
/* yupResolver: A resolver for integrating Yup validation with react-hook-
form. */
import { yupResolver } from "@hookform/resolvers/yup";

/* createMyPetValidationSchema: A Yup schema for validating form data. */
import { createMyPetValidationSchema } from
"@/validations/AptifyCustom/createMyPetValidation";

            const CreatePet = () => {

            return (
             <>
            //Design your UI
             </>
            )}

            export default CreatePet;
```

4. Import and Use the Component

- Import the Component. First, make sure you import the `SimpleButton` component into your jsx file/component.

```
import SimpleButton from './path/to/SimpleButton;
```

Example.

```
            import React from 'react';
            import { SimpleButton } from "@/components/atoms";


            const CreatePet = () => {

                    return (
                   <>
                   {/*  Design your UI */}
                   <SimpleButton label={"Save"} />
                   </>
            )}

            export default CreatePet;
```

5. How to create/generate forms

5.1. Declare state & constant variables those are required to manage state.

```
 /*  This  line  initializes  a  state  variable  user  using  a  custom  hook
useStateUser(). This hook likely manages the state related to the user.  */
     const user = useStateUser();

/*  These lines destructure functions from the useToast hook. showToastSuccess,
showToastError,  and  showToastInfo  are  likely  functions  to  display  different
types of toast notifications (success, error, info). */
    const { showToastSuccess } = useToast();
    const { showToastError } = useToast();
    const { showToastInfo } = useToast();

/*  This  line  initializes  a  state  variable  loading  with  a  default  value  of
false. setLoading is the function to update this state. */
    const [loading, setLoading] = useState(false);

/*  These lines initialize state variables sizeData, breedData, and typeData as
empty  arrays.  setAnimalSize,  setPetBreed,  and  setAnimalType  are  the  functions
to update these states. */
    const [sizeData, setAnimalSize] = useState([]);
    const [breedData, setPetBreed] = useState([]);
    const [typeData, setAnimalType] = useState([]);

/*  These  lines  transform  the  sizeData,  typeData,  and  breedData  arrays  into
options for a dropdown or select input. Each item is mapped to an object with
name and value properties. */
     const sizeOptions = sizeData.map(item => ({ name: item.Name, value: item.ID }));
    const typeOptions = typeData.map(item => ({ name: item.Name, value: item.ID }));
    const breedOptions = breedData.map(item => ({ name: item.Name, value: item.ID }));
```

5.2. Initializes a form using the useForm hook.

```
/*  This block initializes a form using the useForm hook. defaultValues sets the initial values for the form fields.
mode: "onBlur" specifies that validation should occur when an input loses focus.
resolver: yupResolver(createMyPetValidationSchema) integrates Yup validation schema for form validation. */

    const form = useForm({
        defaultValues: {
            Name: '',
            animalSize: null,
            animalType: null,
            petBreed: null
        },
        mode: "onBlur",
        resolver: yupResolver(createMyPetValidationSchema)
    });

/*  This line destructures reset, isSubmitting, and isValid from the form object.
     reset is a function to reset the form.
     isSubmitting indicates if the form is currently being submitted.
     isValid indicates if the form is valid according to the validation schema.
*/
    const { reset,  formState: { isSubmitting, isValid } } = form;
```

5.3. Define field by using useMemo hook that need to be render on page.

```
/* This line uses the useMemo hook to memoize the fields array.
   This means fields will only be recalculated when sizeOptions, typeOptions,
or breedOptions change, improving performance.  */
    const fields = useMemo(() => [
            {
                /* This object defines a text input field for the form. */
                type: "text",
                name: "Name",
                label: "Name",
                isRequired: true
            },
            {
                /* This object defines a group of fields.
                type: "group" specifies that this is a group of inputs.
                group: [...] contains the fields within the group. */
                type: "group",
                group:
                [
                    {
                     /* This object defines a dropdown input for selecting animal size. */
                        type: "dropdown",
                        name: "animalSize",
                        label: "Animal Size",
                        options: sizeOptions,  /* provides the options for the dropdown. */
                        isRequired: true /* makes this field mandatory. */
                    }, {
                     /* This object defines a dropdown input for selecting animal type. */
                        type: "dropdown",
                        name: "animalType",
                        label: "Animal Type",
                        options: typeOptions, /* provides the options for the dropdown. */
                        isRequired: true /* makes this field mandatory. */
                    }
                ]
            },
            {
                /* This object defines a dropdown input for selecting pet breed. */
                type: "dropdown",
                name: "petBreed",
                label: "Pet Breed",
                options: breedOptions, /* provides the options for the dropdown. */
                isRequired: true  /* makes this field mandatory. */
            }
        ],[sizeOptions, typeOptions, breedOptions]);
```

5.4. Call API to render data by using useEffect hook.

- This is a React Hook that runs the provided function after the component mounts. The empty dependency array [] means it runs only once, similar to componentDidMount.
- Use the `_get` method for API call for the GET Request. To import the `_get`, `_post` etc. method writes below code

```
import { _get,_post,_patch,_delete } from "@api/APIClient";
```

```
/* This is a React Hook that runs the provided function after the component mounts.
   The empty dependency array [] means it runs only once, like componentDidMount. */
    useEffect(() => {
        const getPetSize = async () =>
            const response = await _get("/v1/PetSize", {
                withCredentials: true
            });
            setAnimalSize(response.data);
        };
        const getPetType = async () => {
            const response = await _get("/v1/PetType", {
                withCredentials: true
            });
            setAnimalType(response.data);
        };
        const getPetBreed = async () => {
            const response = await _get("/v1/PetBreed", {
                withCredentials: true
            });
            setPetBreed(response.data);

        };
        getPetSize();
        getPetType();
        getPetBreed();

    }, []);
```

5.6 Add function which will trigger on submit form and saving data.

- Write a function name **`savePetDetails`** use camelCase for the naming convention.
- Below line defines an asynchronous function named **`savePetDetails`** that takes data as an argument which is a form data and this trigger on submit button click on the FormBuilder.

```
/* This line defines an asynchronous function named savePetDetails that takes
data as an argument which is a form data and this trigger on submit button
click on the FormBuilder. */
    const savePetDetails = async (data) => {
        try {
            setLoading(true);
            if (data?.Name != null && data?.animalSize != null && data?.petBreed != null &&
data?.animalType != null) {
                const payLoad = {
                    "Name": data?.Name,
                    "SizeID": data?.animalSize,
                    "BreedID": data?.petBreed,
                    "TypeID": data?.animalType
                }
                const createPetRecords = await _post("/v1/Pets/" +
user?.AuthenticatedPersonId, payLoad, {
                    withCredentials: true,
                    headers: {
                        "Content-Type": "application/json"
                    }
                });

                if (createPetRecords.status === HTTP_STATUS_CODES.OK) {
                    setLoading(false);
                    showToastSuccess({
                        summary: "Success",
                        detail: createPetRecords.data?.Message + " #" +
createPetRecords.data?.PetID
                    });
                    reset({
                        Name: '',
                        animalSize: '',
                        petBreed: '',
                        animalType: ''
                    })
                }
                return true;
            } else {
                showToastInfo({
                    summary: "info",
                    detail: "Please fill the mandatory details."

                });
                setLoading(false);
            }
        } catch (error) {
            setLoading(false);
            showToastError({
                summary: "error",
                detail: error

            });
            console.log(error);
        }
    };
```

5.7. Design form by using HTML & JSX and return it

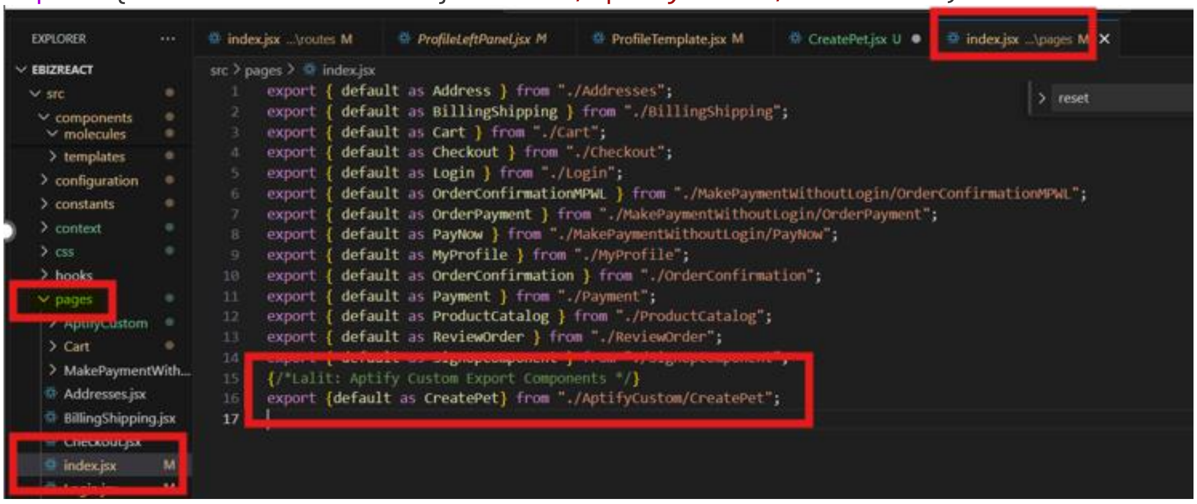
```
return (
        <>
            <main>
                <div>
                    <div className="eb-border-gray">
                        <div className="eb-profile-text-color font-bold text-2xl px-3 pt-3 
pb-3 eb-border-gray border-noround-bottom">
                            Create Pet
                        </div>
                        <br />
                        <section>
                            <div className="eb-container">
                    {/* This component renders a form using the FormBuilder component. */}
                                <FormBuilder
                                fields={fields
                                form={form}
                                onSubmit={savePetDetails}>
                                    <div className="col-8 mt-4">
                                    {/* This component renders a button. */}
                                        <SimpleButton
                                            type="submit"
                                            navigatelink={"false"}
                                            label={"Save"}
                                            className={"simpleButtonStyle"}
                                            loading={loading}
                                    />
                                    </div>
                                </FormBuilder>
                            </div>
                        </section>
                    </div>
                </div>
            </main>
        </>
    );
```

6. Add newly created component to index.jsx.

- After creating the component, you need re-export to the pages/index.jsx so that it can be easily referenced/imported elsewhere.

`src/pages/index.jsx`

```
export {default as CreatePet} from "./AptifyCustom/CreatePet";
```

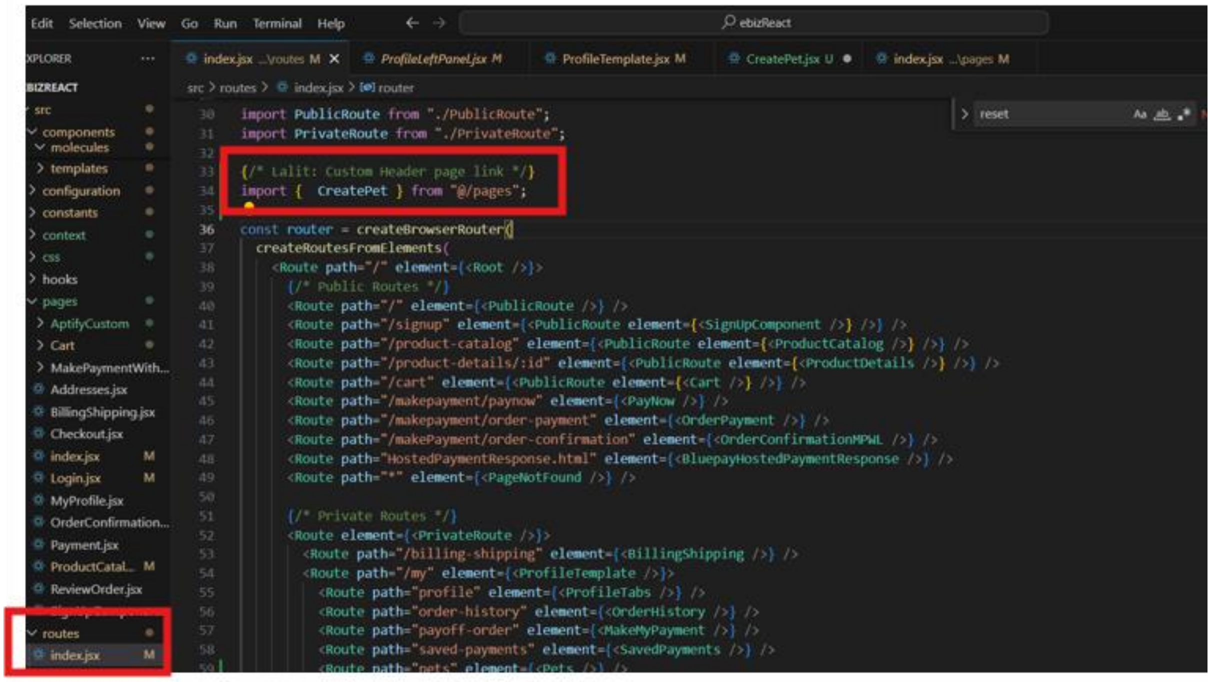


```
export { default as Address } from "./Addresses";
export { default as BillingShipping } from "./BillingShipping";
export { default as Cart } from "./Cart";
export { default as Checkout } from "./Checkout";
export { default as Login } from "./Login";
export { default as OrderConfirmationMPWL } from "./MakePaymentWithoutLogin/OrderConfirmationMPWL";
export { default as OrderPayment } from "./MakePaymentWithoutLogin/OrderPayment";
export { default as PayNow } from "./MakePaymentWithoutLogin/PayNow";
export { default as MyProfile } from "./MyProfile";
export { default as OrderConfirmation } from "./OrderConfirmation";
export { default as Payment } from "./Payment";
export { default as ProductCatalog } from "./ProductCatalog";
export { default as ReviewOrder } from "./ReviewOrder";
export { default as SignupComponent } from "./SignupComponent";
{/*Lalit: Aptify Custom Export Components */}
export {default as CreatePet} from "./AptifyCustom/CreatePet";
```

7. Add pages to navigate/router

- Open routes/Index.jsx file
- To add pages to the router, we need to import our pages into the component and add their references.

```
{/* Lalit: Custom Header page link */}
import {  CreatePet } from "@/pages";
```



```
import PublicRoute from "./PublicRoute";
import PrivateRoute from "./PrivateRoute";

{/* Lalit: Custom Header page link */}
import {  CreatePet } from "@/pages";

const router = createBrowserRouter(
  createRoutesFromElements(
    <Route path="/" element={<Root />}>
      {/* Public Routes */}
      <Route path="/" element={<PublicRoute />} />
      <Route path="/signup" element={<PublicRoute element={<SignUpComponent />} />} />
      <Route path="/product-catalog" element={<PublicRoute element={<ProductCatalog />} />} />
      <Route path="/product-details/:id" element={<PublicRoute element={<ProductDetails />} />} />
      <Route path="/cart" element={<PublicRoute element={<Cart />} />} />
      <Route path="/makepayment/paynow" element={<PayNow />} />
      <Route path="/makepayment/order-payment" element={<OrderPayment />} />
      <Route path="/makePayment/order-confirmation" element={<OrderConfirmationMPWL />} />
      <Route path="HostedPaymentResponse.html" element={<BluepayHostedPaymentResponse />} />
      <Route path="*" element={<PageNotFound />} />

      {/* Private Routes */}
      <Route element={<PrivateRoute />}>
        <Route path="/billing-shipping" element={<BillingShipping />} />
        <Route path="/my" element={<ProfileTemplate />}>
          <Route path="profile" element={<ProfileTabs />} />
          <Route path="order-history" element={<OrderHistory />} />
          <Route path="payoff-order" element={<MakeMyPayment />} />
          <Route path="saved-payments" element={<SavedPayments />} />
          <Route path="pets" element={<Pets />} />
```

-
- If the route is public (i.e., the user does not need to be logged in), it can be added directly to the Public Routes section
- Public routes are defined using the PublicRoute component. Give alias to your page to show in URL like create-pet.
  For example:

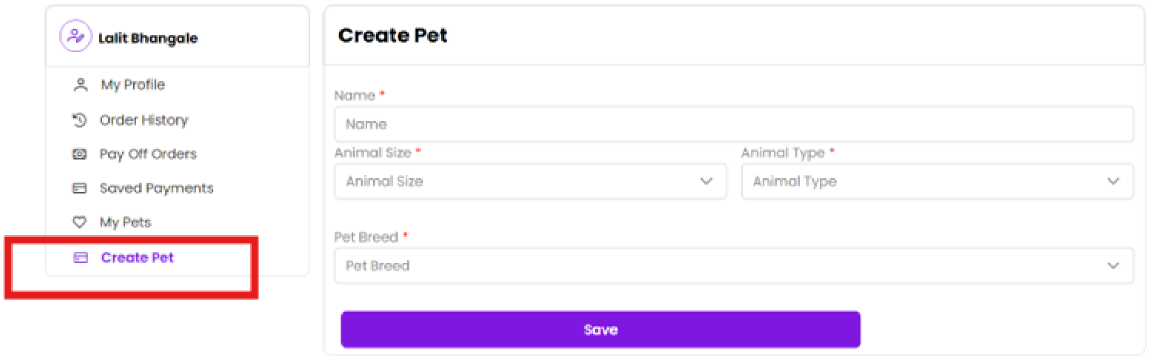
```
 {/* Private Routes */}
<Route element={< PublicRoute />}>
      <Route path="create-pet" element={<CreatePet />} />
</Route
```

- For routes where the user needs to be logged in, they can be added to the Private Routes section, as shown within the Private Routes element.
- Private routes are wrapped within the PrivateRoute component to ensure they are only accessible to authenticated users.

```
 For example:

 {/* Private Routes */}
<Route element={<PrivateRoute />}>
      <Route path="create-pet" element={<CreatePet />} />
</Route>
```

8. Add menu under the profile pages

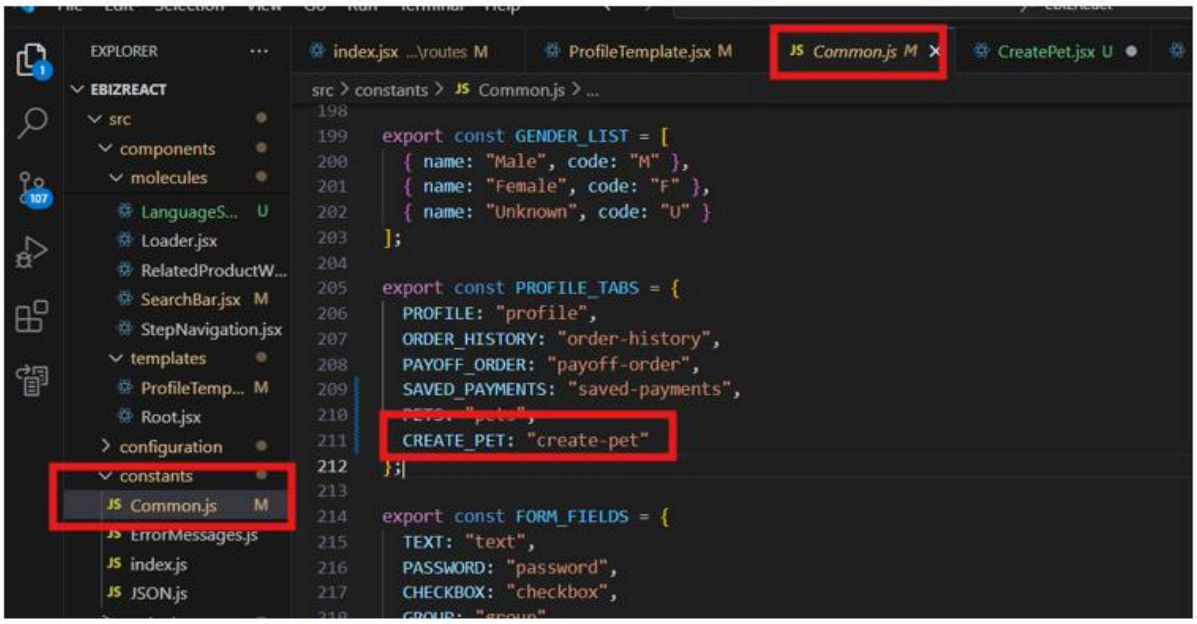
To show menu under the profile tab, we need to follow the couple step.



a. Add constant for new tab i.e. create-pet

i. Open \src\constants\Common.js and add below code

```
,
 CREATE_PET: "create-pet"
```



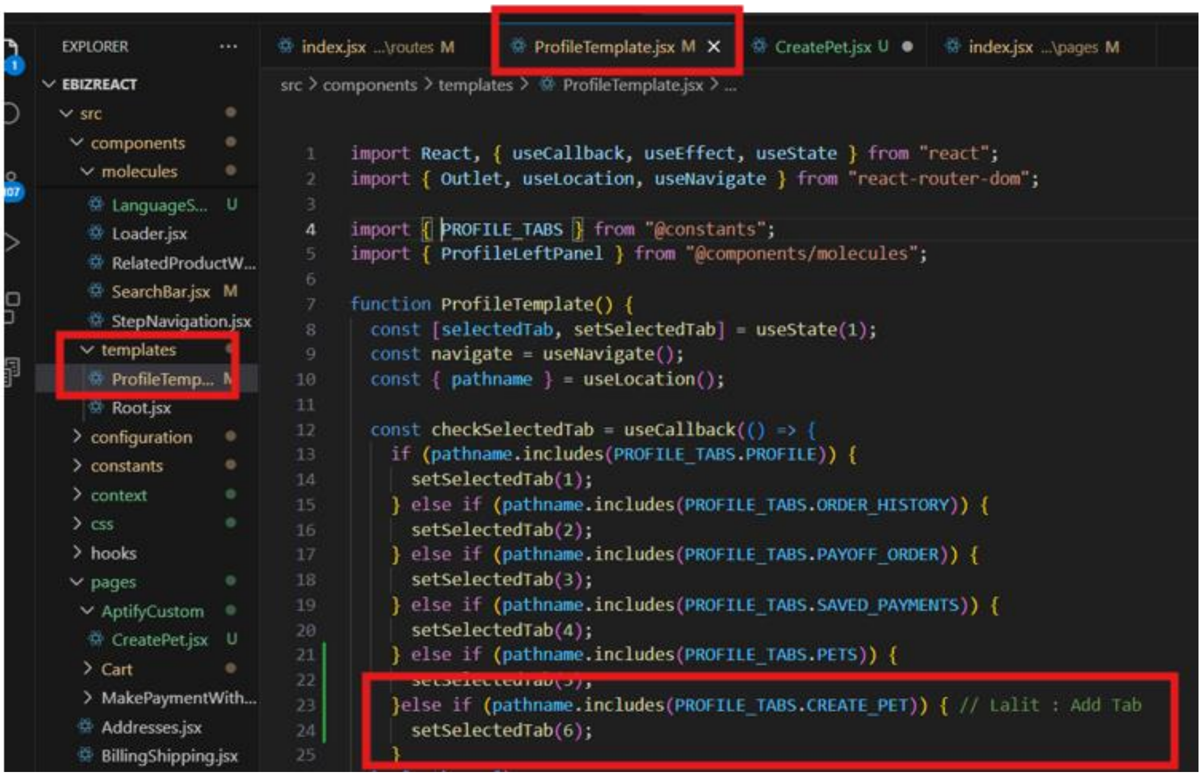
```
export const GENDER_LIST = [
  { name: "Male", code: "M" },
  { name: "Female", code: "F" },
  { name: "Unknown", code: "U" }
];

export const PROFILE_TABS = {
  PROFILE: "profile",
  ORDER_HISTORY: "order-history",
  PAYOFF_ORDER: "payoff-order",
  SAVED_PAYMENTS: "saved-payments",
  PETS: "pets",
  CREATE_PET: "create-pet"
};

export const FORM_FIELDS = {
  TEXT: "text",
  PASSWORD: "password",
  CHECKBOX: "checkbox",
  GROUP: "group"
```

b. Add tab into profile template file.

I. Open \src\components\templates\ProfileTemplate.jsx

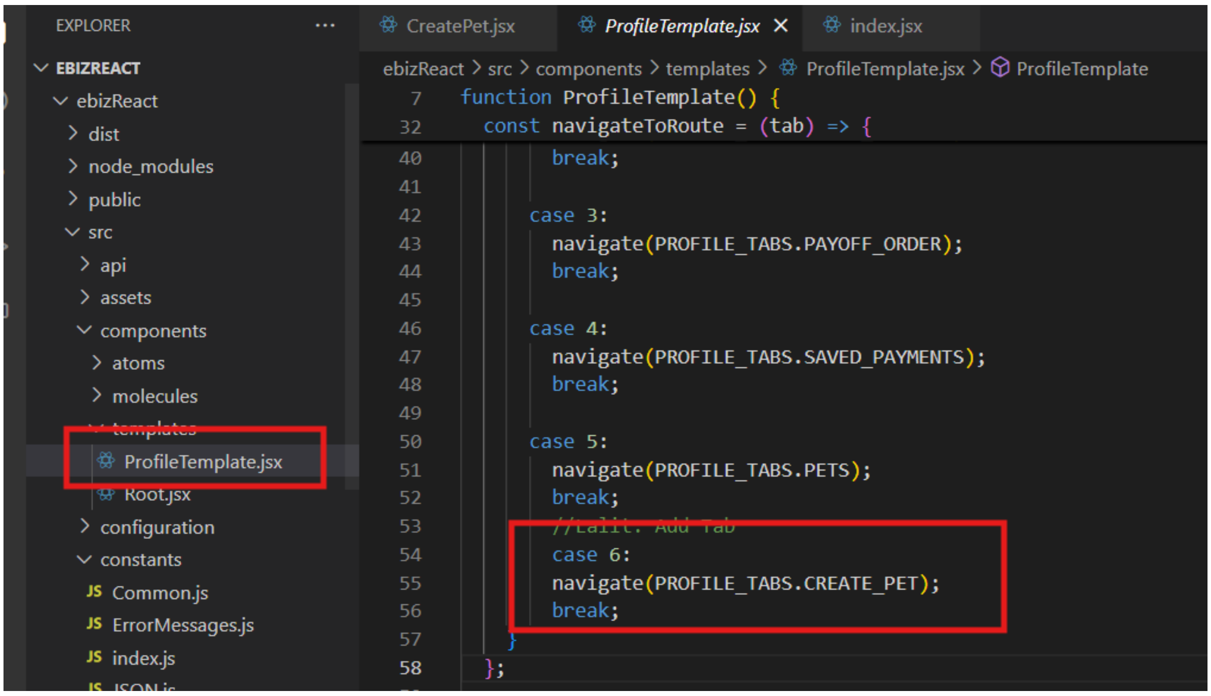
II. Add below code, refer below screen for more detail about where to add code

```
}else if (pathname.includes(PROFILE_TABS.CREATE_PET)) { // Lalit : Add Tab
      setSelectedTab(6);
    }
```



```
import React, { useCallback, useEffect, useState } from "react";
import { Outlet, useLocation, useNavigate } from "react-router-dom";

import { PROFILE_TABS } from "@constants";
import { ProfileLeftPanel } from "@components/molecules";

function ProfileTemplate() {
  const [selectedTab, setSelectedTab] = useState(1);
  const navigate = useNavigate();
  const { pathname } = useLocation();

  const checkSelectedTab = useCallback(() => {
    if (pathname.includes(PROFILE_TABS.PROFILE)) {
      setSelectedTab(1);
    } else if (pathname.includes(PROFILE_TABS.ORDER_HISTORY)) {
      setSelectedTab(2);
    } else if (pathname.includes(PROFILE_TABS.PAYOFF_ORDER)) {
      setSelectedTab(3);
    } else if (pathname.includes(PROFILE_TABS.SAVED_PAYMENTS)) {
      setSelectedTab(4);
    } else if (pathname.includes(PROFILE_TABS.PETS)) {
      setSelectedTab(5);
    }else if (pathname.includes(PROFILE_TABS.CREATE_PET)) { // Lalit : Add Tab
      setSelectedTab(6);
    }
```

```
//Lalit: Add Tab
        case 6:
        navigate(PROFILE_TABS.CREATE_PET);
        break;
```



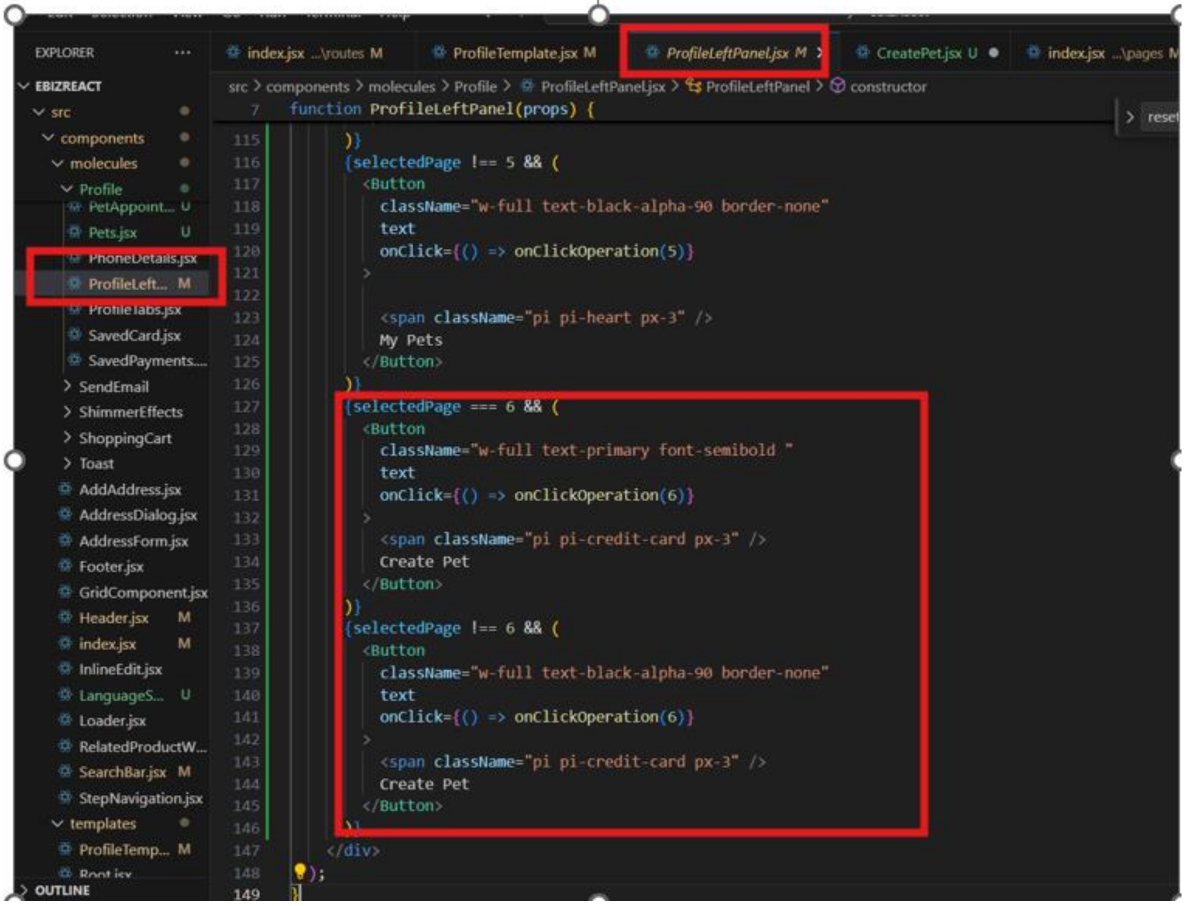
```
function ProfileTemplate() {
  const navigateToRoute = (tab) => {
        break;

      case 3:
        navigate(PROFILE_TABS.PAYOFF_ORDER);
        break;

      case 4:
        navigate(PROFILE_TABS.SAVED_PAYMENTS);
        break;

      case 5:
        navigate(PROFILE_TABS.PETS);
        break;
        //Lalit: Add Tab
        case 6:
        navigate(PROFILE_TABS.CREATE_PET);
        break;
    }
  };
```

c. Add HMTL for menu into ProfileLeftPanel

I. Open src\components\molecules\Profile\ProfileLeftPanel.jsx file

II. Add below code, refer below screen for more detail about where to add code.

```
{selectedPage === 6 && (
        <Button
          className="w-full text-primary font-semibold "
          text
          onClick={() => onClickOperation(6)}
        >
          <span className="pi pi-credit-card px-3" />
          Create Pet
        </Button>
      )}
      {selectedPage !== 6 && (
        <Button
          className="w-full text-black-alpha-90 border-none"
          text
          onClick={() => onClickOperation(6)}
        >
          <span className="pi pi-credit-card px-3" />
          Create Pet
        </Button>
      )}
```



```
  function ProfileLeftPanel(props) {
          )}
          {selectedPage !== 5 && (
            <Button
              className="w-full text-black-alpha-90 border-none"
              text
              onClick={() => onClickOperation(5)}
            >

              <span className="pi pi-heart px-3" />
              My Pets
            </Button>
          )}
          {selectedPage === 6 && (
            <Button
              className="w-full text-primary font-semibold "
              text
              onClick={() => onClickOperation(6)}
            >
              <span className="pi pi-credit-card px-3" />
              Create Pet
            </Button>
          )}
          {selectedPage !== 6 && (
            <Button
              className="w-full text-black-alpha-90 border-none"
              text
              onClick={() => onClickOperation(6)}
            >
              <span className="pi pi-credit-card px-3" />
              Create Pet
            </Button>
          )}
        </div>
  );
}
```

9. Run Your Application

- Start the Development Server: `In your terminal, run below command,`

```
npm dev run
```

- View Your Component: Open your browser and go to `http://localhost:3000`. You should see your component displayed on the page.

10. Refer full code for Createpet component:

Add code details for each step at below

```
/* Date. 05 Sep 2024 - Create the Aptify custom components */
import React, { useEffect, useState, useMemo } from "react";
/* React: The core library for building user interfaces.
useEffect: A hook for performing side effects in function components (e.g., data
fetching, subscriptions).
useState: A hook for adding state to function components.
useMemo: A hook for memoizing expensive calculations to optimize performance. */
import { _get, _post } from "@api/APIClient"; /* _get and _post: Functions for making
GET and POST requests to your API. */
import { useStateUser } from "@hooks/useStateUser"; /* useStateUser: A custom hook,
likely for managing user state. */
import { SimpleButton } from "@/components/atoms"; /* SimpleButton: A reusable button
component. */
import { useForm } from "react-hook-form";   /* useForm: A hook for managing form state
and validation. */
import { FormBuilder } from "@/components/molecules";/*  FormBuilder: A component for
dynamically building forms. */
import { HTTP_STATUS_CODES } from "@/constants"; /* HTTP_STATUS_CODES: An object
containing HTTP status codes for reference. */
import { useToast } from "@/context/ToasterProvider"; /* useToast: A hook for displaying
toast notifications. */
import "@css/PetCatalog.scss";  /* A stylesheet for styling your components. */
import { yupResolver } from "@hookform/resolvers/yup"; /* yupResolver: A resolver for
integrating Yup validation with react-hook-form. */
import { createMyPetValidationSchema } from
"@/validations/AptifyCustom/createMyPetValidation"; /* createMyPetValidationSchema: A
Yup schema for validating form data. */

/* Create the Component named "CreatePet" */
const CreatePet = () => {
 /* This line initializes a state variable user using a custom hook useStateUser().
    This hook likely manages the state related to the user.  */
    const user = useStateUser();

/*  These lines destructure functions from the useToast hook. showToastSuccess,
showToastError,
    and showToastInfo are likely functions to display different types of toast
notifications (success, error, info). */
    const { showToastSuccess } = useToast();
    const { showToastError } = useToast();
    const { showToastInfo } = useToast();

/*  This line initializes a state variable loading with a default value of false.
setLoading is the function to update this state. */
    const [loading, setLoading] = useState(false);

/*  These lines initialize state variables sizeData, breedData, and typeData as empty
arrays. setAnimalSize, setPetBreed,
    and setAnimalType are the functions to update these states. */
    const [sizeData, setAnimalSize] = useState([]);
    const [breedData, setPetBreed] = useState([]);
    const [typeData, setAnimalType] = useState([]);

/*  These lines transform the sizeData, typeData, and breedData arrays into options for
a dropdown or select input.
    Each item is mapped to an object with name and value properties. */
    const sizeOptions = sizeData.map(item => ({ name: item.Name, value: item.ID }));
    const typeOptions = typeData.map(item => ({ name: item.Name, value: item.ID }));
    const breedOptions = breedData.map(item => ({ name: item.Name, value: item.ID }));

/*  This block initializes a form using the useForm hook.
    defaultValues sets the initial values for the form fields.
    mode: "onBlur" specifies that validation should occur when an input loses focus.
    resolver: yupResolver(createMyPetValidationSchema) integrates Yup validation schema
for form validation. */
    const form = useForm({
        defaultValues: {
            Name: '',
            animalSize: null,
            animalType: null,
            petBreed: null
        },
        mode: "onBlur",
        resolver: yupResolver(createMyPetValidationSchema)
    });

/*  This line destructures reset, isSubmitting, and isValid from the form object.
    reset is a function to reset the form.
    isSubmitting indicates if the form is currently being submitted.
    isValid indicates if the form is valid according to the validation schema. */
    const { reset,  formState: { isSubmitting, isValid } } = form;


    /* const fields = useMemo(() => [...], [sizeOptions, typeOptions, breedOptions]);
    This line uses the useMemo hook to memoize the fields array.
    This means fields will only be recalculated when sizeOptions, typeOptions, or
breedOptions change, improving performance.
     */
    const fields = useMemo(() => [
            {
                /* This object defines a text input field for the form. */
                type: "text",
                name: "Name",
                label: "Name",
                isRequired: true
            },
            {
                /* This object defines a group of fields.
                type: "group" specifies that this is a group of inputs.
                group: [...] contains the fields within the group. */

                type: "group",
                group:
                [
                    {
                        /* This object defines a dropdown input for selecting animal
size. */
                        type: "dropdown",
                        name: "animalSize",
                        label: "Animal Size",
                        options: sizeOptions,  /* provides the options for the dropdown.
*/
                        isRequired: true /* makes this field mandatory. */
                    }, {
                        /* This object defines a dropdown input for selecting animal
type. */
                        type: "dropdown",
                        name: "animalType",
                        label: "Animal Type",
                        options: typeOptions, /* provides the options for the dropdown.
*/
                        isRequired: true /* makes this field mandatory. */
                    }
                ]
            },
            {
                /* This object defines a dropdown input for selecting pet breed. */
                type: "dropdown",
                name: "petBreed",
                label: "Pet Breed",
                options: breedOptions, /* provides the options for the dropdown. */
                isRequired: true  /* makes this field mandatory. */
            }
        ],[sizeOptions, typeOptions, breedOptions]);

    /* This is a React Hook that runs the provided function after the component mounts.
    The empty dependency array [] means it runs only once, similar to componentDidMount.
*/
    useEffect(() => {

        /* This defines an asynchronous function getPetSize that fetches pet size data
from the server. */
        const getPetSize = async () => {
            /* Inside getPetSize, this line sends a GET request to the endpoint
/v1/PetSize with credentials included.
            The await keyword ensures the function waits for the response before
proceeding. */
            const response = await _get("/v1/PetSize", {
                withCredentials: true
            });
            /* Once the response is received, this line updates the state with the
fetched data using the setAnimalSize function. */
            setAnimalSize(response.data);

        };
        /* Similar to getPetSize, this defines an asynchronous function getPetType that
fetches pet type data from the server. */
        const getPetType = async () => {
            /* Sends a GET request to the endpoint /v1/PetType with credentials
included. */
            const response = await _get("/v1/PetType", {
                withCredentials: true
            });
            /* Updates the state with the fetched pet type data. */
            setAnimalType(response.data);
        };
        /* Defines an asynchronous function getPetBreed that fetches pet breed data from
the server. */
        const getPetBreed = async () => {
            /* Sends a GET request to the endpoint /v1/PetBreed with credentials
included. */
            const response = await _get("/v1/PetBreed", {
                withCredentials: true
            });
            /* Updates the state with the fetched pet breed data. */
            setPetBreed(response.data);

        };
        /* Calls the getPetSize function to fetch and set pet size data. */
        getPetSize();
        /* Calls the getPetType function to fetch and set pet type data. */
        getPetType();
        /* Calls the getPetBreed function to fetch and set pet breed data. */
        getPetBreed();

    }, []);


    /* This line defines an asynchronous function named savePetDetails that takes data
as an argument which is a form data
    and this trigger on submit button click on the FormBuilder. */
    const savePetDetails = async (data) => {
        /* The try block is used to handle any errors that might occur during the
execution of the code inside it. */
        try {
            /* setLoading(true); sets a loading state to true, likely to show a loading
indicator in the UI. */
            setLoading(true);

            /* This if statement checks if the data object has non-null values for Name,
animalSize, petBreed, and animalType. */
            if (data?.Name != null && data?.animalSize != null && data?.petBreed != null
&& data?.animalType != null) {
            /* If the condition is true, a payLoad object is created with properties
Name, SizeID, BreedID, and TypeID from
            the data object. */
             const payLoad = {
                    "Name": data?.Name,
                    "SizeID": data?.animalSize,
                    "BreedID": data?.petBreed,
                    "TypeID": data?.animalType
                }
                /*  An asynchronous POST request is made to the endpoint /v1/Pets/
followed by the authenticated user's ID.
```

```
                    The payLoad object is sent as the request body.
                    The request includes credentials and sets the Content-Type header to
application/json. */
                const createPetRecords = await _post("/v1/Pets/" +
user?.AuthenticatedPersonId, payLoad, {
                    withCredentials: true,
                    headers: {
                        "Content-Type": "application/json"
                    }
                });

                if (createPetRecords.status === HTTP_STATUS_CODES.OK) {
                    /* if the response status is OK, the loading state is set to false.
*/
                    setLoading(false);
                    /* A success toast message is shown with a summary of “Success” and
details from the response data. */
                    showToastSuccess({
                        summary: "Success",
                        detail: createPetRecords.data?.Message + " #" +
createPetRecords.data?.PetID
                    });
                    /* The form fields are reset to empty strings.*/
                    reset({
                        Name: '',
                        animalSize: '',
                        petBreed: '',
                        animalType: ''
                    })
                }
                return true;
            } else {
                /* If any of the required fields are missing, an info toast message is
shown and the loading state is set to false. */
                showToastInfo({
                    summary: "info",
                    detail: "Please fill the mandatory details."

                });
                setLoading(false);
            }

        } catch (error) {
            /* If an error occurs, the loading state is set to false, an error toast
message is shown,
            and the error is logged to the console. */
            setLoading(false);
            showToastError({
                 summary: "error",
                 detail: error

             });
             console.log(error);
         }
     };

     return (
         <>
             <main>
                 <div>
                     <div className="eb-border-gray">
                         <div className="eb-profile-text-color font-bold text-2xl px-3
pt-3 pb-3 eb-border-gray border-noround-bottom">
                             Create Pet
                         </div>
                         <br />
                         <section>
                             <div className="eb-container">
                             {/* This component renders a form using the FormBuilder
component. */}
                                 <FormBuilder
                                 fields={fields}  /*  passes the fields array to the
FormBuilder. */
                                 form={form}  /* passes the form object to the
FormBuilder. */
                                 onSubmit={savePetDetails} /* sets the function to call
when the form is submitted. */
                                 >
                                     {/* This div contains the submit button */}
                                     <div className="col-8 mt-4">
                                     {/* This component renders a button. */}
                                         <SimpleButton
                                             type="submit"
                                             navigatelink={"false"} /* likely disables
navigation on click. */
                                             label={"Save"}
                                             className={"simpleButtonStyle"}
                                             loading={loading} /* binds the button’s
loading state to the loading state variable. */
                                             /* disabled={isSubmitting || !isValid} This
is commented out. If uncommented, it would disable the button when the form is
submitting or invalid. */
                                         />
                                     </div>
                                 </FormBuilder>
                             </div>
                         </section>
                     </div>
                 </div>
             </main>
         </>
     );
};
/* Export this component named CreatePet, This promotes code reusability and
maintainability by
encapsulating related functionality in separate files. */
export default CreatePet;
```

11. Prerequisite files

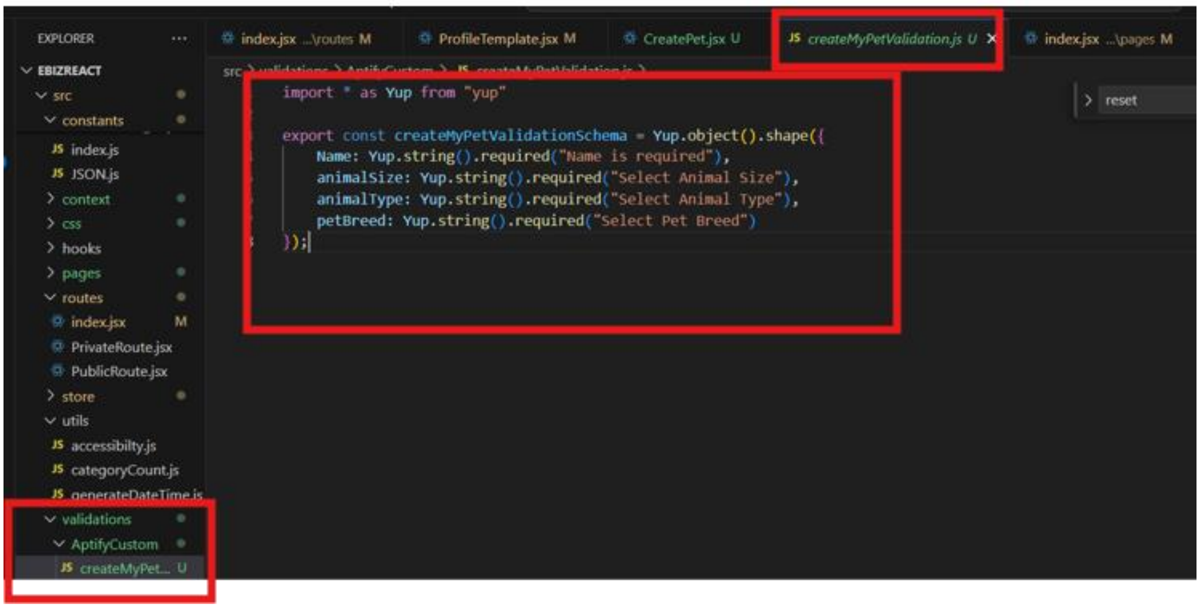
a. Validation file:

- Open Validation folder and create new folder "AptifyCustom" and create new file createMyPetValidation.js

    Path: \src\validations\AptifyCustom\createMyPetValidation.js

- Add below code

```
import * as Yup from "yup"

export const createMyPetValidationSchema = Yup.object().shape({
    Name: Yup.string().required("Name is required"),
    animalSize: Yup.string().required("Select Animal Size"),
    animalType: Yup.string().required("Select Animal Type"),
    petBreed: Yup.string().required("Select Pet Breed")
});
```

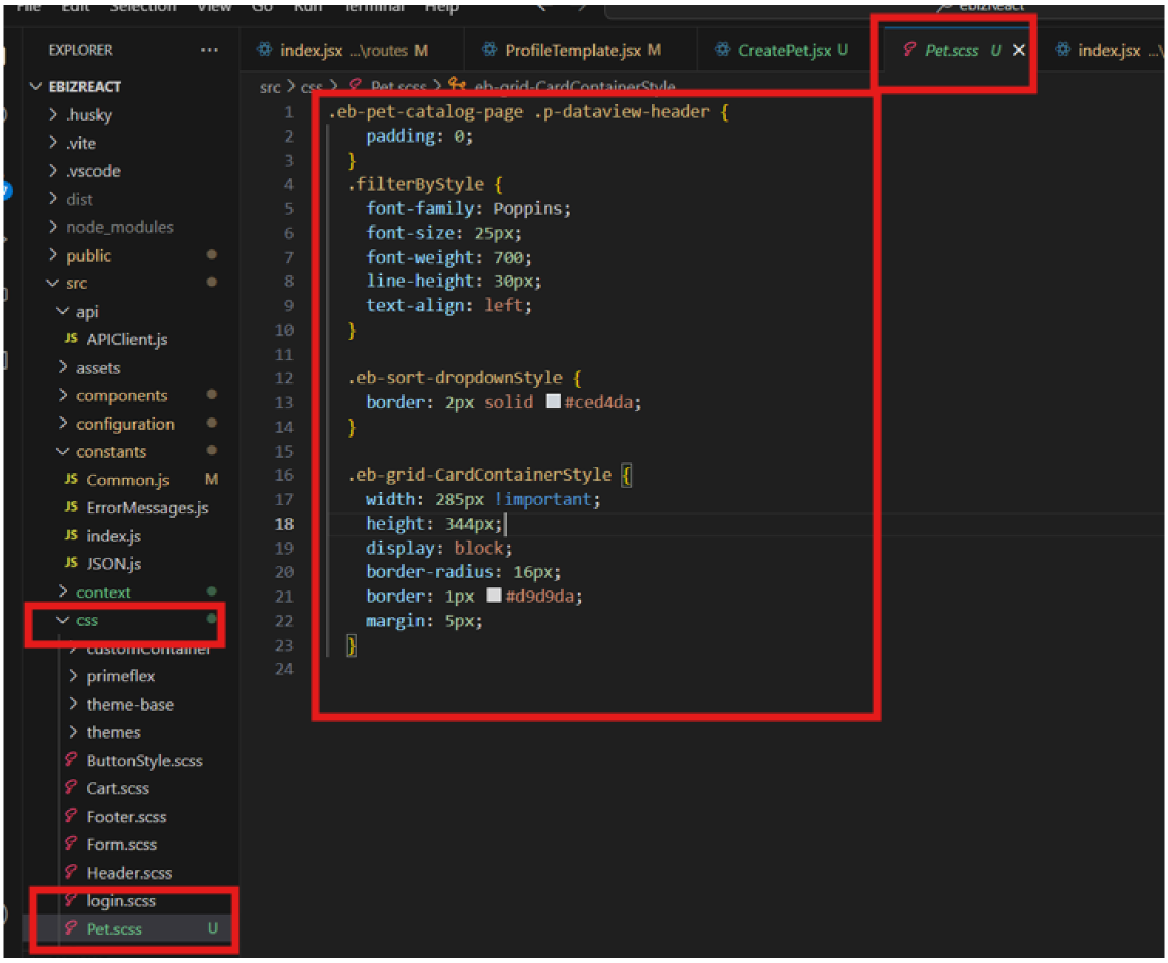


```
import * as Yup from "yup"

export const createMyPetValidationSchema = Yup.object().shape({
    Name: Yup.string().required("Name is required"),
    animalSize: Yup.string().required("Select Animal Size"),
    animalType: Yup.string().required("Select Animal Type"),
    petBreed: Yup.string().required("Select Pet Breed")
});
```

b. Css

- Open CSS folder and create new file Pet.scss
  Path: \src\css\Pet.scss
- Add below code

```
.eb-pet-catalog-page .p-dataview-header {
    padding: 0;
  }
  .filterByStyle {
    font-family: Poppins;
    font-size: 25px;
    font-weight: 700;
    line-height: 30px;
    text-align: left;
  }

  .eb-sort-dropdownStyle {
    border: 2px solid #ced4da;
  }

  .eb-grid-CardContainerStyle {
    width: 285px !important;
    height: 344px;
    display: block;
    border-radius: 16px;
    border: 1px #d9d9da;
    margin: 5px;
  }
```



```
.eb-pet-catalog-page .p-dataview-header {
    padding: 0;
  }
  .filterByStyle {
    font-family: Poppins;
    font-size: 25px;
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    border: 2px solid #ced4da;
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    height: 344px;
    display: block;
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    margin: 5px;
  }
```