REAL ESTATE

Create .babelrc:

|  |
| --- |
| { |
|  | "presets": ["next/babel"], |
|  | "plugins": [] |
|  | } |

Dependencies Used:

npm i

1. @chakra-ui/react @emotion/react @emotion/styled (Chakra UI pear dependencies)
2. axios
3. framer-motion
4. mollify (large numbers into human readable form)
5. nprogress (progress bar)
6. react-horizontal-scrolling-menu (for images)
7. react-icons

ChakraUi

<Flex> -> flex

<Box> -> div

ChakraUI:

It is used to avoid writing css expilicitly. To make sure it works fine, we need to wrap our app inside ChakraProvider

import '../styles/globals.css'

import Router from 'next/router'

import Head from 'next/head'

import NProgress from 'nprogress'

import { ChakraProvider} from '@chakra-ui/react'

import Layout from '../components/Layout'

function MyApp({ Component, pageProps }) {

  return(

    <>

    <Head>

    </Head>

    <ChakraProvider>

      <Layout>

          <Component {...pageProps} />

        </Layout>

    </ChakraProvider>

    </>

  )

}

export default MyApp

Using or fetching data from Api:

Create utils folder at root:

import axios from 'axios';

export const baseUrl = 'https://bayut.p.rapidapi.com'

export const fetchApi = async (url) => {

    const {data} = await axios.get(url, {

        headers: {

        'x-rapidapi-host': 'bayut.p.rapidapi.com',

        'x-rapidapi-key': '530cf11fabmsh79e60c0e05c7b69p139c05jsna753fd49ae56'

        }

    })

    return data;

}

These headers are provided by rapidApi. Now we can call fetchApi function anywhere we want in getStaticProps function (as it is nextJs) and pass url and it will fetch data and we can map on that data and extract useful information from it.

Now extracting data from fetchApi function in index.js:

At the bottom,

export async function getStaticProps () {

  const propertyForSale = await fetchApi(`${baseUrl}/properties/list?locationExternalIDs=5002&purpose=for-sale&hitsPerPage=6`);

  const propertyForRent = await fetchApi(`${baseUrl}/properties/list?locationExternalIDs=5002&purpose=for-rent&hitsPerPage=6`);

  return {

    props: {

      propertiesForSale: propertyForSale?.hits,

      propertiesForRent: propertyForRent?.hits,

    }

  }

}

Now we can use these props and map over them.

Thus index.js becomes

import Link from 'next/link';

import Image from 'next/image';

import { Flex, Box, Text, Button } from '@chakra-ui/react';

import {baseUrl, fetchApi} from '../utils/fetchApi';

import Property from '../components/Property';

export const Banner = ({purpose, title1, title2, desc1, desc2, buttonText, linkName, imageUrl}) => (

  <Flex flexWrap='wrap' justifyContent="center" alignItems='center' m='10'>

    <Image src={imageUrl} width="500" height="300" alt="banner"/>

    <Box p='5'>

      <Text color="gray.500" fontSize="sm" fontWeight="medium">{purpose}</Text>

      <Text fontSize="3xl" fontWeight="bold">{title1}<br/>{title2}</Text>

      <Text fontSize="lg" paddingTop="3" paddingBottom="3" color="gray.700">{desc1}<br/>{desc2}</Text>

      <Button fontSize="xl">

        <Link href={linkName}>{buttonText}</Link>

      </Button>

    </Box>

  </Flex>

)

export default function Home({propertiesForRent, propertiesForSale}) {

  return (

    <Box>

      <Banner

      purpose="RENT A HOME"

      title1="Rental Home for"

      title2="Everyone"

      desc1="Expolre Apartments, Villaas, Homes"

      desc2="and more"

      buttonText="Explore Renting"

      linkName="/search?purpose-for-rent"

      imageUrl="https://bayut-production.s3.eu-central-1.amazonaws.com/image/145426814/33973352624c48628e41f2ec460faba4"

      />

      <Flex flexWrap="wrap">

        {propertiesForRent.map(property => (

          <Property property={property} key={property.id}/>

        ))}

      </Flex>

       <Banner

      purpose="BUY A HOME"

      title1="Find, Buy & Own Your"

      title2="Dream Home"

      desc1="Expolre Apartments, Villaas, Homes"

      desc2="and more"

      buttonText="Explore Buying"

      linkName="/search?purpose-for-sale"

      imageUrl="https://bayut-production.s3.eu-central-1.amazonaws.com/image/110993385/6a070e8e1bae4f7d8c1429bc303d2008"

      />

      <Flex flexWrap="wrap">

        {propertiesForSale.map(property => (

            <Property property={property} key={property.id}/>

        ))}

      </Flex>

    </Box>

  )

}

export async function getStaticProps () {

  const propertyForSale = await fetchApi(`${baseUrl}/properties/list?locationExternalIDs=5002&purpose=for-sale&hitsPerPage=6`);

  const propertyForRent = await fetchApi(`${baseUrl}/properties/list?locationExternalIDs=5002&purpose=for-rent&hitsPerPage=6`);

  return {

    props: {

      propertiesForSale: propertyForSale?.hits,

      propertiesForRent: propertyForRent?.hits,

    }

  }

}

getStaticProps: fetch data at build time

getServerSideProps: fetch data live on each request

Sizes to Image tag in nextjs:

<Image

                    alt="property"

                    placeholder="blur"

                    blurDataURL={item.url}

                    src={item.url}

                    width={1000} height={500}

                    sizes="(max-width: 500px) 100px, (max-width: 1023px) 400px, 1000px"

                    />

BlurImage on while page is loading:

<Image

                    alt="property"

                    placeholder="blur"

                    blurDataURL={item.url}

                    src={item.url}

                    width={1000} height={500}

                    sizes="(max-width: 500px) 100px, (max-width: 1023px) 400px, 1000px"

                    />

Adding loading progress bar on NextJs:

Under \_app.js

import '../styles/globals.css'

import Router from 'next/router'

import Head from 'next/head'

import NProgress from 'nprogress'

import { ChakraProvider} from '@chakra-ui/react'

import Layout from '../components/Layout'

function MyApp({ Component, pageProps }) {

  NProgress.configure({ showSpinner: false})

  Router.events.on('routeChangeStart', ()=>{

    NProgress.start();

  });

  Router.events.on('routeChangeComplete', ()=>{

    NProgress.done();

  });

  return(

    <>

    <Head>

      <link rel='stylesheet' href='https://cdnjs.cloudflare.com/ajax/libs/nprogress/0.2.0/nprogress.min.css' integrity='sha512-42kB9yDlYiCEfx2xVwq0q7hT4uf26FUgSIZBK8uiaEnTdShXjwr8Ip1V4xGJMg3mHkUt9nNuTDxunHF0/EgxLQ==' crossOrigin='anonymous' referrerPolicy='no-referrer' />

    </Head>

    <ChakraProvider>

      <Layout>

          <Component {...pageProps} />

        </Layout>

    </ChakraProvider>

    </>

  )

}

export default MyApp