**firebase.js**

import firebase from 'firebase/compat/app';

import 'firebase/compat/database';

const firebaseConfig = {

apiKey: "AIzaSyBr-MMnTPjp0bwOXVMiY7RIj3Rqduv9BF0",

authDomain: "learn-6babf.firebaseapp.com",

projectId: "learn-6babf",

storageBucket: "learn-6babf.appspot.com",

messagingSenderId: "812576426474",

appId: "1:812576426474:web:d89a3b91b2e1c6cad6ca93"

};

// Initialize Firebase

const firebaseDB = firebase.initializeApp(firebaseConfig);

export default firebaseDB.database().ref();

We need to install firebase configuration in local domain

* npm install firebase@latest
* firebase.google.com we need to get configuration console. (like above code)

**firebase**: This imports the main firebase object from the 'firebase' package.

**Firebase Configuration (firebaseConfig):**

This object contains your Firebase project's configuration settings, including the API key, authentication domain, project ID, storage bucket, messaging sender ID, and app ID.

**Initializing Firebase:**

The **firebase.initializeApp(firebaseConfig)** call initializes Firebase with the provided configuration.

**Export:**

The **firebaseDB** instance is created and initialized with the configuration.

The exported value is the Firebase Realtime Database reference **(firebaseDB.database().ref()),** which you can use to interact with your database.

**Register.js**

import React, { useState } from 'react';

import firebaseDB from './firebase';

const Register = () => {

const [data, setData] = useState({

firstname: "",

lastname: "",

email: "",

});

const { firstname, lastname, email } = data;

const changeHandler = e => {

setData({ ...data, [e.target.name]: e.target.value });

}

const submitHandler = e => {

e.preventDefault();

firebaseDB.child('register').push(

data,

err => {

if (err) {

console.log(err);

} else {

console.log("Data saved successfully!");

}

}

);

console.log(data);

}

return (

<div>

<center>

<h2>Register Form</h2>

<form onSubmit={submitHandler}>

<label>First Name</label><br />

<input type="text" name="firstname" placeholder="First Name" value={firstname} onChange={changeHandler} /><br />

<label>Last Name</label><br />

<input type="text" name="lastname" placeholder="Last Name" value={lastname} onChange={changeHandler} /><br />

<label>Email</label><br />

<input type="text" name="email" placeholder="Email" value={email} onChange={changeHandler} /><br />

<input type="submit" value="Register" />

</form>

</center>

</div>

);

}

export default Register;