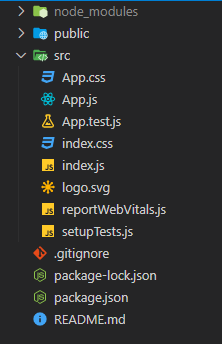
**Dictionary App**

npm install axios

npm install react-icons --save

**Project Structure:** It should look like this:



* Javascript

|  |
| --- |
| **import { React, useState } from "react";**  **import Axios from "axios";**  **import "./App.css";**  **import { FaSearch } from "react-icons/fa";**  **import { FcSpeaker } from "react-icons/fc";**    **function App() {**  **// Setting up the initial states using react hook 'useState'**    **const [data, setData] = useState("");**  **const [searchWord, setSearchWord] = useState("");**    **// Function to fetch information on button**  **// click, and set the data accordingly**  **function getMeaning() {**  **Axios.get(**  **`https://api.dictionaryapi.dev/api/v2/entries/en\_US/${searchWord}`**  **).then((response) => {**  **setData(response.data[0]);**  **});**  **}**    **// Function to play and listen the**  **// phonetics of the searched word**  **function playAudio() {**  **let audio = new Audio(data.phonetics[0].audio);**  **audio.play();**  **}**    **return (**  **<div className="App">**  **<h1>Free Dictionary</h1>**  **<div className="searchBox">**    **// Taking user input**  **<input**  **type="text"**  **placeholder="Search..."**  **onChange={(e) => {**  **setSearchWord(e.target.value);**  **}}**  **/>**  **<button**  **onClick={() => {**  **getMeaning();**  **}}**  **>**  **<FaSearch size="20px" />**  **</button>**  **</div>**  **{data && (**  **<div className="showResults">**  **<h2>**  **{data.word}{" "}**  **<button**  **onClick={() => {**  **playAudio();**  **}}**  **>**  **<FcSpeaker size="26px" />**  **</button>**  **</h2>**  **<h4>Parts of speech:</h4>**      **<p>{data.meanings[0].partOfSpeech}</p>**      **<h4>Definition:</h4>**      **<p>{data.meanings[0].definitions[0].definition}</p>**      **<h4>Example:</h4>**      **<p>{data.meanings[0].definitions[0].example}</p>**    **</div>**  **)}**  **</div>**  **);**  **}**    **export default App;** |

* HTML

|  |
| --- |
| @import url(  '<https://fonts.googleapis.com/css2?family=Pacifico&display=swap>');  @import url(  '<https://fonts.googleapis.com/css2?family=Poppins:ital>,wght@0,200;0,400;0,600;0,800;1,300&display=swap');    .App {    height: 100vh;    width: 100vw;    display: flex;    flex-direction: column;    align-items: center;    background-color: #f6f6f6;    background-image: linear-gradient(315deg, #f6f6f6 0%, #e9e9e9 74%);    font-family:'Poppins', sans-serif;  }    h1 {    text-align: center;    font-size: 3em;    font-family: 'Pacifico', cursive;    color: #4DB33D;    padding: 1.5em;  }    h2{    font-size: 30px;    text-decoration: underline;    padding-bottom: 20px;  }    h4{    color: #4DB33D;  }    input{    width: 400px;    height: 38px;    font-size: 20px;    padding-left: 10px;  }    .searchBox > button{    background-color: #4DB33D;    height: 38px;    width: 60px;    border: none;    color: white;    box-shadow: 0px 3px 2px #439e34;    cursor: pointer;    padding: 0;  }    .showResults{    width: 500px;    padding: 20px;  }    .showResults > h2 > button{    background: none;    border: none;    cursor: pointer;  } |

**Step to Run Application:** Run the application using the following command from the root directory of the project:

npm start

**Output:** Now open your browser and go to ***http://localhost:3000/***, you will see the following output:

