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Role=React Developer

To –do List:

Steps:

To create a folder name as ToDoList

Npm init-y

Then

To create a react app =npx create-react-app todo-list

Then I have installed some library=

Npm I bootstrap

After few minutes run as npm start

Then I have create modals= then create CreateTask.js:

import React, { useState } from 'react';

import { Button, Modal, ModalHeader, ModalBody, ModalFooter } from 'reactstrap';

const CreateTask=({modal,toggle,save})=>{

  const[taskName,setTaskName]= useState('');

  const [description,setdescription]= useState(' ');

  const handleChange=(e)=>{

const {name,value}=e.target;

if(name==="taskname")

{

  setTaskName(value)

}

else{

  setdescription(value);

}

  }

  const handlesave=()=>{

    let taskobject={}

    taskobject["Name"]=taskName

    taskobject["Description"]=description

    save(taskobject);

  }

    return(

        <div>

<Modal isOpen={modal} toggle={toggle}>

        <ModalHeader toggle={toggle}>Create Task</ModalHeader>

        <ModalBody>

          <form>

            <div className='form-group mt-3'>

                        <label>Enter Task Name\*:</label>

                        <input type='text' className=' form-control' value={taskName} name="taskname" onChange={handleChange} ></input>

            </div>

            <div className='form-group mt-3'>

            <label>Enter Description\*:</label>

                <textarea  rows="5" cols={"50"} className=' form-control' value={description} name='description' onChange={handleChange}></textarea>

            </div>

          </form>

          </ModalBody>

        <ModalFooter>

          <Button color="primary" onClick={handlesave}>

            Create

          </Button>{' '}

          <Button color="secondary" onClick={toggle}>

            Cancel

          </Button>

        </ModalFooter>

      </Modal>

        </div>

    );

};

export default CreateTask;

Then I have create component=

Card.js:

import React from "react";

import '../App.css';

const Card=({taskobj,index})=>{

return(<>

<div className="card-wrapper mr-3">

    <div className="card-top" style={{"backgroundColor":"chartreuse"}}></div>

    <div className="task-holder bg-white">

        <span className="card-header" style={{"borderRadius":"10px",fontSize:"30px",padding:"20px"}}>Title\*:{taskobj.Name}</span>

        <p style={{"borderRadius":"10px",fontSize:"18px",padding:"20px"}}>Description\*:{taskobj.Description}</p>

        <div style={{"position":"absolute","right":"2px","bottom":"1px"}}>

            <i className="far fa-edit " style={{"color":"#5DC250","marginLeft":"-20px","padding":"10px"}}></i>

            <i className="fas fa-trash-alt" style={{"color":"#5DC250","marginRight":"-20px","padding":"20px"}}></i>

        </div>

    </div>

</div>

</>)

}

export default Card;

TodoList.js:

import React, { useEffect, useState } from 'react';

import CreateTask from '../modals/CreateTask';

import Card from './Card';

const TodoList=()=>{

    const [modal,setModal]=useState(false);

const[tasklist,settasklist]=useState([]);

useEffect(()=>{

    let arr=localStorage.getItem("taskList");

     if(arr){

        let obj=JSON.parse(arr)

        settasklist(obj)

    }

},[])

    const toggle= () => {

        setModal(!modal);

    }

    const saveTask=(taskobject)=>{

        let templist=tasklist

        templist.push(taskobject)

        localStorage.setItem("TaskList",JSON.stringify(templist))

        settasklist(templist)

        setModal(false);

    }

    return(

       <>

       <div className='header text-center'>

             <h1>Todo List</h1>

             <button type='submit' className='btn btn-primary mt-2' onClick={()=>setModal(true)}>Create Task</button>

        </div>

       <div className='task-container'>

               {tasklist.map((obj,index)=><Card taskobj={obj} index={index}/>)}

       </div>

       <CreateTask toggle={toggle} modal={modal} save={saveTask} />

       </>

        );

};

export default TodoList;

App.js:

import './App.css';

import TodoList from './Components/TodoList';

import 'bootstrap/dist/css/bootstrap.min.css';

function App() {

  return (

    <div className="App">

    <TodoList/>

      </div>

  );

}

export default App;

App.css:

.header{

  height: 200px;

  width: 100%;

  background-color: rgb(235, 229, 219);

  padding-top: 50px;

}

.card-container{

height: 300px;

width: 300px;

box-shadow: 0px 3px 10px #A5A5A5;

}

\*{

  box-sizing: border-box;

}

.card-wrapper{

  padding-left: 10px;

  width: 260px;

  height: 200px;

  box-shadow: 0px 3px 50px #eceaea;

  display: flex;

  flex-direction: column;

}

.card-top{

  width: 100%;

  height: 2%;

}

.task-holder{

  width: 100%;

  height: 98%;

  padding: 10px 10px;

  display: flex;

  flex-direction: column;

  position: relative;

}

.card-header{

  margin-top: 10px;

  margin-bottom: 30px;

  max-width: 80px;

  height: 30px;

  padding: 4px  4px !important;

  text-align: center;

}

.task-container{

  height: 600px;

  width: 100%;

  display: flex;

  flex-wrap: wrap;

  background-color: wheat;

  padding: 40px 100px;

  margin: 20px;

}

Added some cdn library in index.html=

 <link rel="apple-touch-icon" href="%PUBLIC\_URL%/logo192.png" />

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css" integrity="sha512-DTOQO9RWCH3ppGqcWaEA1BIZOC6xxalwEsw9c2QQeAIftl+Vegovlnee1c9QX4TctnWMn13TZye+giMm8e2LwA==" crossorigin="anonymous" referrerpolicy="no-referrer" />

Output=





