App.js   
import {

Button,

Container,

Text,

Title,

Modal,

TextInput,

Group,

Card,

ActionIcon,

Code,

} from '@mantine/core';

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

import { MoonStars, Sun, Trash } from 'tabler-icons-react';

import {

MantineProvider,

ColorSchemeProvider,

ColorScheme,

} from '@mantine/core';

import { useColorScheme } from '@mantine/hooks';

import { useHotkeys, useLocalStorage } from '@mantine/hooks';

export default function App() {

const [tasks, setTasks] = useState([]);

const [opened, setOpened] = useState(false);

const preferredColorScheme = useColorScheme();

const [colorScheme, setColorScheme] = useLocalStorage({

key: 'mantine-color-scheme',

defaultValue: 'light',

getInitialValueInEffect: true,

});

const toggleColorScheme = value =>

setColorScheme(value || (colorScheme === 'dark' ? 'light' : 'dark'));

useHotkeys([['mod+J', () => toggleColorScheme()]]);

const taskTitle = useRef('');

const taskSummary = useRef('');

function createTask() {

setTasks([

...tasks,

{

title: taskTitle.current.value,

summary: taskSummary.current.value,

},

]);

saveTasks([

...tasks,

{

title: taskTitle.current.value,

summary: taskSummary.current.value,

},

]);

}

function deleteTask(index) {

var clonedTasks = [...tasks];

clonedTasks.splice(index, 1);

setTasks(clonedTasks);

saveTasks([...clonedTasks]);

}

function loadTasks() {

let loadedTasks = localStorage.getItem('tasks');

let tasks = JSON.parse(loadedTasks);

if (tasks) {

setTasks(tasks);

}

}

function saveTasks(tasks) {

localStorage.setItem('tasks', JSON.stringify(tasks));

}

useEffect(() => {

loadTasks();

}, []);

return (

<ColorSchemeProvider

colorScheme={colorScheme}

toggleColorScheme={toggleColorScheme}>

<MantineProvider

theme={{ colorScheme, defaultRadius: 'md' }}

withGlobalStyles

withNormalizeCSS>

<div className='App'>

<Modal

opened={opened}

size={'md'}

title={'New Task'}

withCloseButton={false}

onClose={() => {

setOpened(false);

}}

centered>

<TextInput

mt={'md'}

ref={taskTitle}

placeholder={'Task Title'}

required

label={'Title'}

/>

<TextInput

ref={taskSummary}

mt={'md'}

placeholder={'Task Summary'}

label={'Summary'}

/>

<Group mt={'md'} position={'apart'}>

<Button

onClick={() => {

setOpened(false);

}}

variant={'subtle'}>

Cancel

</Button>

<Button

onClick={() => {

createTask();

setOpened(false);

}}>

Create Task

</Button>

</Group>

</Modal>

<Container size={550} my={40}>

<Group position={'apart'}>

<Title

sx={theme => ({

fontFamily: `Greycliff CF, ${theme.fontFamily}`,

fontWeight: 900,

})}>

My Tasks

</Title>

<ActionIcon

color={'blue'}

onClick={() => toggleColorScheme()}

size='lg'>

{colorScheme === 'dark' ? (

<Sun size={16} />

) : (

<MoonStars size={16} />

)}

</ActionIcon>

</Group>

{tasks.length > 0 ? (

tasks.map((task, index) => {

if (task.title) {

return (

<Card withBorder key={index} mt={'sm'}>

<Group position={'apart'}>

<Text weight={'bold'}>{task.title}</Text>

<ActionIcon

onClick={() => {

deleteTask(index);

}}

color={'red'}

variant={'transparent'}>

<Trash />

</ActionIcon>

</Group>

<Text color={'dimmed'} size={'md'} mt={'sm'}>

{task.summary

? task.summary

: 'No summary was provided for this task'}

</Text>

</Card>

);

}

})

) : (

<Text size={'lg'} mt={'md'} color={'dimmed'}>

You have no tasks

</Text>

)}

<Button

onClick={() => {

setOpened(true);

}}

fullWidth

mt={'md'}>

New Task

</Button>

</Container>

</div>

</MantineProvider>

</ColorSchemeProvider>

);

}

Index.js

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

import {

MantineProvider,

ColorSchemeProvider,

ColorScheme,

} from '@mantine/core';

ReactDOM.createRoot(document.getElementById('root')).render(<App />);



