A screenshot of a computer

Description automatically generated

Code หน้า App.jsx

import { useEffect, useReducer, useState } from "react";

import "./App.css";

import NewAccountItem from "./components/NewAccountItem/NewAccountItem";

import AccountList from "./components/AccountList/AccountList";

import { HandlerContext } from "./contexts/handler-context";

let lastId = 4;

function reducer(accountList, action) {

  switch (action.type) {

    case "add\_account":

      return [...accountList, action.newItem];

    case "delete\_account":

      return accountList.filter((e) => e.id !== action.deleteId);

    case "edit\_account":

      const newAccountList = [...accountList];

      const index = accountList.findIndex((e) => e.id === action.editId);

      newAccountList[index] = { ...action.account };

      return newAccountList;

    default:

  }

}

function App() {

  const INITIAL\_ACCOUNT = [

    {

      id: 1,

      category: "เงินประจำสัปดาห์",

      amount: 1000,

      isIncome: true,

      payment: "-",

    },

    {

      id: 2,

      category: "อาหาร",

      amount: 100,

      isIncome: false,

      payment: "credit card",

    },

    {

      id: 3,

      category: "เสื้อผ้า",

      amount: 300,

      isIncome: false,

      payment: "cash",

    },

    {

      id: 4,

      category: "เงินจากถนน",

      amount: 20,

      isIncome: true,

      payment: "-",

    },

    {

      id: 5,

      category: "รองเท้า",

      amount: 1300,

      isIncome: false,

      payment: "cash",

    },

  ];

  const [accountList, dispatch] = useReducer(reducer, {}, () => {

    const localAccount = localStorage.getItem("account");

    if (localAccount === null) {

      return INITIAL\_ACCOUNT;

    }

    return JSON.parse(localAccount).map((e) => {

      return {

        ...e

      };

    });

  });

  const [isShow, setIsShow] = useState(false);

  useEffect(() => {

    localStorage.setItem("account", JSON.stringify(accountList));

  }, [accountList]);

  const addAccountHandler = (newAccountData) => {

    const newAccount = {

      ...newAccountData,

      id: ++lastId,

    };

    dispatch({

      type: "add\_account",

      newItem: newAccount,

    });

  };

  const deleteHandler = (id) =>{

    dispatch({

      type: "delete\_account",

      deleteId: id,

    });

  }

  const editHandler = (id, account) =>{

    dispatch({

      type: "edit\_account",

      editId: id,

      account: account,

    });

  }

  return (

    <HandlerContext.Provider

      value={{

        addAccountHandler: addAccountHandler,

        deleteHandler: deleteHandler,

        editHandler: editHandler,

      }}

    >

      <div className="App">

        {isShow ? (

          <NewAccountItem

            setIsShow={setIsShow}

            onAddAccount={addAccountHandler}

          />

        ) : (

          <div>

            <h2 className="my-0">บัญชีรายรับ-รายจ่ายแบบใช้</h2>

            <h3>useEffect, useReducer, Context และ localStorage</h3>

            <div className="add-button-container">

              <button onClick={() => setIsShow(true)}>

                เพิ่มรายรับ-รายจ่าย

              </button>

            </div>

          </div>

        )}

        <hr />

        <AccountList

          editHandler={editHandler}

          deleteHandler={deleteHandler}

          accountList={accountList}

        />

      </div>

    </HandlerContext.Provider>

  );

}

export default App;

ใช้ localStorage

A screenshot of a computer

Description automatically generated

Add บัญชีรายจ่าย ขนม

A screenshot of a computer screen

Description automatically generatedA screenshot of a computer

Description automatically generated

delete บัญชีรายจ่าย อาหาร รองเท้า ขนม

A screenshot of a computer

Description automatically generated

edit บัญชีรายจ่าย เสื้อผ้า

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated