Project Development Phase

Sprint – 3

Source Code

Date	*11th November 2022*
Team ID	*PNT2022TMID23198*
Project Name	*Personal Expense Tracker*
Batch Number	*B9-3A5E*

Navbar.jsx

```
importReactfrom'react';
import{useNavigate}from'react-
router';import"./navbar.css";

constNavbar=()=>{

  constnavigate=useNavigate();

  consthandleLogout=()=>{navi
    gate('/');
  }

  return(
    <divclassName="navbar">
      <divclassName="navTitle">PersonalExpenseTracker
        <spanclassName='navSubTitle'>speaktotrack</span>
      </div>
      <div>
        <buttonclassName='navBtn'onClick={()=>handleLogout()}>Logout</button>
      </div>

    </div>
    );
}


exportdefaultNavbar;
```

navbar.css

```
.navbar{displa
    y:flex;
    flex-
    direction:row;height:70
    px;background-
    color:white;
    border: 3px
    soliddarkgoldenrod;border-
    radius:5px;
    margin-
    top:10px;align-
    items:center;
    justify-content:space-between;

}

.navTitle{
    font-
    size:30px;margi
    n-left:15%;text-
    align:center;
    color:rgb(187,134,0);f
    ont-weight:bold;letter
    -spacing:1px;
}
```

.navSubTitle{

```
letter- spacing:normal;font-
size:20px;
color:grey;margi
    n-left:75px;
  }

  .navBtn{height:
    70%;
    margin-right:220px;
    background-
    color:rgb(228,227,194);border-
    radius:5px;
    border:2pxsolidrgb(111,95,0);
    font-weight:600;
    color:rgb(194,128,6);pa
    dding:10px20px;cursor: pointer;
  }
```

Details.jsx

```
importReactfrom'react';
import{Card,CardContent}from'@mui/material';
import{Doughnut,Pie,PolarArea,Radar}from'react-chartjs-
2';import'./details.css';
importuseTransactionsfrom'../../useTransactions';i
mport'chart.js/auto';

constDetails=({title})=>{

    /*const[doughnatC,setDoughnatC]=useState(true);
    const[polarAreaC,setPolarAreaC]=useState(false);
```

```
  const[pieC,setPieC]=useState(false);
  const[radarC,setRadarC]=useState(false);*/

  const{chartData}=useTransactions(title);

  console.log(chartData);

  return(
    <div>
      <divstyle={{display:'flex',flexDirection:'row',gap:'5px',marginTop:'10px'}}>

      <Cardstyle={{}}className={title==='Income'?"income":"expense"}>
      {/*<divclassName="chartButtonContainer">
        <buttonclassName={title==='Income'?(doughnatC?"selectedIn":"btnIn"):(doughn
atC?"selectedEx":"btnEx")}
          onClick={()=>{setDoughnat
            C(true);setPolarAreaC(fal
            se);setPieC(false);setRad
            arC(false);
          }}
        >Doughnat</button>
        <buttonclassName={title==='Income'?(polarAreaC?"selectedIn":"btnIn"):(polarAr   eaC?
"selectedEx":"btnEx")}
          onClick={()=>{setDoughnat
            C(false);setPolarAreaC(tr
            ue);setPieC(false);setRad
            arC(false);
          }}
        >PolarArea</button>
        <buttonclassName={title==='Income'?(pieC?"selectedIn":"btnIn"):(pieC?"selecte
dEx":"btnEx")}
          onClick={()=>{setDoughnat
            C(false);setPolarAreaC(f
            alse);setPieC(true);setRa
            darC(false);
          }}
        >Pie</button>
        <buttonclassName={title==='Income'?(radarC?"selectedIn":"btnIn"):(radarC
?"selectedEx":"btnEx")}
          onClick={()=>{setDoughnat
            C(false);setPolarAreaC(f
            alse);setPieC(false);setR
            adarC(true);
          }}
        >Radar</button>
      </div>*/}
        {/*<CardHeaderstyle={{textAlign:"center",}}title={title+":Rs."+total}/>*/}
        <CardContent>
          <Doughnutdata={chartData}/>
        </CardContent>
      </Card>

      <CardclassName={title==='Income'?"income":"expense"}>
        <CardContent>
          <PolarAreadata={chartData}/>
        </CardContent>
      </Card>
      <CardclassName={title==='Income'?"income":"expense"}>
```

```
            <CardContent>
                <Piedata={chartData}/>
            </CardContent>
        </Card>
        <CardclassName={title==='Income'?"income":"expense"}>
            <CardContent>
                <Radardata={chartData}/>
            </CardContent>
        </Card>



            {/*{doughnatC&&
                <Doughnutdata={chartData}/>
            }
            {polarAreaC&&
                <PolarAreadata={chartData}/>
            }
            {pieC&&
                <Piedata={chartData}/>
            }
            {radarC&&
                <Radardata={chartData}/>
            }*/}
        </div>
    </div>

  );
};

exportdefaultDetails;
```

details.css

```
.income{
    border-top:10pxsolidrgba(0,255,0,0.7);
    border-bottom:10pxsolidrgba(0,255,0,0.7);
}

.expense{
    border-top:10pxsolidrgba(255,0,0,0.7);
    border-bottom:10pxsolidrgba(255,0,0,0.7);
}
```

useTransactions.js

```
import{useContext}from"react"
import{expenseCategories,incomeCategories,resetCategories}from"./constants/categories";
import{ExpenseTrackerContext}from"./context/context"



constuseTransactions=(title)=>{r
    esetCategories();
    const{transactions}=useContext(ExpenseTrackerContext);
    consttransactionsPerType=transactions.filter((t)=>t.type===title);
    consttotal=transactionsPerType.reduce((acc,currVal)=>acc+=currVal.amount,0);con
    stcategories=title==='Income'?incomeCategories:expenseCategories;
    varmonth="";
    varmonthIncomeTotal=[
        {m:"January",amount:0},
        {m:"February",amount:0},
        {m:"March",amount:0},
        {m:"April",amount:0},
        {m:"May",amount:0},
        {m:"June",amount:0},
        {m:"July",amount:0},
        {m:"August",amount:0},
        {m:"September",amount:0},
        {m:"October",amount:0},
        {m:"November",amount:0},
        {m:"December",amount:0},
    ];
    varmonthExpenseTotal=[
        {m:"January",amount:0},
        {m:"February",amount:0},
        {m:"March",amount:0},
        {m:"April",amount:0},
        {m:"May",amount:0},
        {m:"June",amount:0},
        {m:"July",amount:0},
        {m:"August",amount:0},
        {m:"September",amount:0},
        {m:"October",amount:0},
        {m:"November",amount:0},
        {m:"December",amount:0},
    ];

    //transactionsPerType.forEach((t)=>{
    //     console.log(t.amount,t.category,t.type);
    //})

    transactionsPerType.forEach((t)=>{

        month=t.date.slice(5,7);
```

```
if(t.type==='Income'){switch(mont h){
    case'01':monthIncomeTotal[0].amount+=t.amount;break;
    case'02':monthIncomeTotal[1].amount+=t.amount;break;
    case'03':monthIncomeTotal[2].amount+=t.amount;break;
    case'04':monthIncomeTotal[3].amount+=t.amount;break;
    case'05':monthIncomeTotal[4].amount+=t.amount;break;
    case'06':monthIncomeTotal[5].amount+=t.amount;break;
    case'07':monthIncomeTotal[6].amount+=t.amount;break;
    case'08':monthIncomeTotal[7].amount+=t.amount;break;
    case'09':monthIncomeTotal[8].amount+=t.amount;break;
    case'10':monthIncomeTotal[9].amount+=t.amount;break;
    case'11': monthIncomeTotal[10].amount
    +=t.amount;break;case'12':
    monthIncomeTotal[11].amount
    +=t.amount;break;default:break;
  }
}
else if(t.type === 'Expense')
  {switch(month){
    case        '01':        monthExpenseTotal[0].amount        +=
    t.amount;break;case '02': monthExpenseTotal[1].amount
    +=                t.amount;break;case                '03':
    monthExpenseTotal[2].amount  +=  t.amount;break;case  '04':
                monthExpenseTotal[3].amount
                +=
    t.amount;break;case '05': monthExpenseTotal[4].amount
    +=                t.amount;break;case                '06':
    monthExpenseTotal[5].amount  +=  t.amount;break;case  '07':
                monthExpenseTotal[6].amount
                +=
    t.amount;break;case '08': monthExpenseTotal[7].amount
    +=                t.amount;break;case                '09':
    monthExpenseTotal[8].amount  +=  t.amount;break;case  '10':
                monthExpenseTotal[9].amount
```

$+=$

```
t.amount;break;case'11':monthExpenseTotal[10].amount
+=t.amount;break;
```

```
            case'12':monthExpenseTotal[11].amount+=t.amount;bre ak;default:break;
        }
    }


    constcategory=categories.find((c)=>c.type===t.category);

    if(category)category.amount+=t.amount;
});



constfilteredCategories=categories.filter((c)=>c.amount>0);

constchartData={datas
    ets:[{
        data:filteredCategories.map((c)=>c.amount),backgrou
        ndColor:filteredCategories.map((c)=>c.color),
    }],
    labels:filteredCategories.map((c)=>c.type)
};



constchartDataIncome={data
    sets:[
        {
            label:'Income',
                data:monthIncomeTotal.map((m)=>m.amoun
                t),borderColor:'#165f40',
                backgroundColor:'#0bc77e',te
                nsion:0.1,
            },

        ],
        labels:monthIncomeTotal.map((m)=>m.m)
    };

    constchartDataExpense={data
        sets:[
            {
                label:'Expense',
                data:monthExpenseTotal.map((m)=>m.amount),bor
                derColor:'#b50d12',
                backgroundColor:'#e57c58',te
                nsion:0.1,
            },
        ],
        labels:monthExpenseTotal.map((m)=>m.m)
    };


    return{total,chartData,chartDataIncome,chartDataExpense};
};


exportdefaultuseTransactions;
```

contextReducer.js

```
constcontextReducer=(state,action)=>{l
 ettransactions;

 switch(action.type){
   case'DELETE_TRANSACTION':
     transactions=state.filter((t)=>t.id!==action.payload);

     localStorage.setItem('transaction',JSON.stringify(transactions));

     returntransactions;

   case'ADD_TRANSACTION':
     transactions=[action.payload,...state];

     localStorage.setItem('transaction',JSON.stringify(transactions));

     returntransactions;

   default:
     returnstate;
 }
}

exportdefaultcontextReducer;
```