

## ***Project Development Phase***

### ***Sprint – 4***

#### ***Source Code***

<b><i>Date</i></b>	<i>18<sup>th</sup> November 2022</i>
<b><i>Team ID</i></b>	<i>PNT2022TMID23198</i>
<b><i>Project Name</i></b>	<i>Personal Expense Tracker</i>
<b><i>Batch Number</i></b>	<i>B9-3A5E</i>

#### ***Details Track.jsx***

```
import React from 'react';
import { Line } from 'react-chartjs-2';
import useTransactions from '../useTransactions';
import './detailsTrack.css';

const DetailsTrack = ({ title }) => {

  const { chartDataIncome, chartDataExpense } = useTransactions(title);

  const chartData = (title === 'Income') ? chartDataIncome : chartDataExpense;

  return (
    <div className='chartContainer'>
      <div className={title === 'Income' ? 'incomeChart' : 'expenseChart'}>
        <Line data={chartData}/>
      </div>
    </div>
  );
};

export default DetailsTrack;
```

### ***detailsTrack.css***

```
.incomeChart{ background-  
  color:white;  
  border:5pxsolidrgb(147,147,147);  
  margin:20px 200px;  
  padding:50px;bord  
  er-radius:10px;  
}
```

```
.expenseChart  
  {background-  
  color:white;  
  border:5pxsolidrgb(147,147,147);  
  margin:20px 200px;  
  padding:50px;bord  
  er-radius:10px;  
}
```

### ***Snackbar.jsx***

```
importReactfrom'react' importSnackbarfrom'@mui/material/Snackba  
r';importMuiAlertfrom'@mui/material/Alert';
```

```
constCustomizedSnackbar=({title,open,setOpen})=>{
```

```
  consthandleClose=(event,reason)=>{if(  
    reason==='clickaway')return;
```

```

    setOpen(false);
  }

  return(
    <div>
      {title=== 'list' &&
        <div className='root'>
          <Snackbar
            anchorOrigin={{vertical:'top',horizontal:'right'}} op
            en={open} autoHideDuration={3000} onClose={ha
            ndleClose}
          >
            <MuiAlert onClose={handleClose} severity="success" elevation={6}
variant="filled">
              Category successfully Removed
            </MuiAlert>
          </Snackbar>
        </div>
      }
      {title=== 'form' &&
        <div className='root'>
          <Snackbar
            anchorOrigin={{vertical:'top',horizontal:'right'}} op
            en={open} autoHideDuration={3000} onClose={ha
            ndleClose}
          >
            <MuiAlert onClose={handleClose} severity="success" elevation={6}
variant="filled">
              Category successfully Added

```

```

        </MuiAlert>
      </Snackbar>
    </div>
  }
  {title==='unfilled'&&
    <divclassName='root'>
      <Snackbar
        anchorOrigin={{vertical:'top',horizontal:'right'}}op
        en={open} autoHideDuration={3000}onClose={ha
        ndleClose}
      >
        <MuiAlertonClose={handleClose}severity="warning"elevation={6}
        variant="filled">
          Unfulfilledfields...!!
        </MuiAlert>
      </Snackbar>
    </div>
  }
</div>

);
};

```

```
exportdefaultCustomizedSnackbar;
```

### ***SnackbarStyles.js***

```
import{makeStyles}from'@material-ui/core/styles';
```

```
exportdefaultmakeStyles((theme)=>({
```

```
root:{
  width:'100%',
  '> *+ *':{
    marginTop:theme.spacing(2),
  },
},
}));
```

### ***snackbar.css***

```
.root{
  width:100%;
}
```

### ***categories.js***

```
constincomeColors=['#123123','#154731','#165f40','#16784f','#14915f','#10ac6e',
'#0bc77e','#04e38d','#00ff9d'];
```

```
constexpenseColors=['#b50d12','#bf2f1f','#c9452c','#d3583a','#dc6a48','#e57c58',
'#ee8d68','#f79d79','#ffae8a','#cc474b','#f55b5f'];
```

```
exportconstincomeCategories=[
  {type:'Business',amount:0,color:incomeColors[0]},
  {type:'Investments',amount:0,color:incomeColors[1]},
  {type:'Extraincome',amount:0,color:incomeColors[2]},
  {type:'Deposits',amount:0,color:incomeColors[3]},
  {type:'Lottery',amount:0,color:incomeColors[4]},
  {type:'Gifts',amount:0,color:incomeColors[5]},
  {type:'Salary',amount:0,color:incomeColors[6]},
  {type:'Savings',amount:0,color:incomeColors[7]},
  {type:'Rentalincome',amount:0,color:incomeColors[8]},
];
```

```

export const expenseCategories = [
  { type: 'Bills', amount: 0, color: expenseColors[0] },
  { type: 'Car', amount: 0, color: expenseColors[1] },
  { type: 'Clothes', amount: 0, color: expenseColors[2] },
  { type: 'Travel', amount: 0, color: expenseColors[3] },
  { type: 'Food', amount: 0, color: expenseColors[4] },
  { type: 'Shopping', amount: 0, color: expenseColors[5] },
  { type: 'House', amount: 0, color: expenseColors[6] },
  { type: 'Entertainment', amount: 0, color: expenseColors[7] },
  { type: 'Phone', amount: 0, color: expenseColors[8] },
  { type: 'Pets', amount: 0, color: expenseColors[9] },
  { type: 'Other', amount: 0, color: expenseColors[10] },
];

```

```

export const resetCategories = () => {
  incomeCategories.forEach((c) => c.amount = 0);
  expenseCategories.forEach((c) => c.amount = 0);
};

```

### ***formatDate.js***

```

const formatDate = (date) => {
  const td = new Date(date);

  let month = `${td.getMonth() + 1}`;
  let day = `${td.getDate()}`;
  const year = td.getFullYear();

  if (month.length < 2) {
    month = `0${month}`;
  }
}

```

```

        if(day.length<2){da
            y=`0${day}`;
        }

        return[year,month,day].join('-');
    }

    export default formatDate;

```

### **main.py**

```

import flask
from flask import Flask, render_template
import ibm_db

app=Flask("main")

conn= ibm_db.connect("DATABASE=bludb;HOSTNAME=19af6446-6171-4641-8aba-
9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30699;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=hln67748;PWD=yRDx30Fb0x
6kA8Db","",")

@app.route("/")

def my_index():
    return flask.render_template("index.html",token="HelloWorld")

app.run(debug=True)

```