Project Development Phase

Sprint – 4

Source Code

Date	16 November 2022
Team ID	PNT2022TMID44305
Project Name	Personal Expense Tracker
Batch Number	B8-2A4E

DetailsTrack.jsx

```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

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


.expenseChart {
    background-color: white;
    border: 5px solid rgb(147, 147, 147);
    margin: 20px 200px;
    padding: 50px;
    border-radius: 10px;


}
```

Snackbar.jsx

```jsx
import React from 'react'
import Snackbar from '@mui/material/Snackbar';
import MuiAlert from '@mui/material/Alert';


const CustomizedSnackbar = ({ title, open, setOpen }) => {


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

```jsx
        setOpen(false);

    }


    return (

        <div>

            {title === 'list' &&

                <div className='root'>

                    <Snackbar

                        anchorOrigin={{ vertical: 'top', horizontal: 'right' }}

                        open={open}

                        autoHideDuration={3000}

                        onClose={handleClose}

                    >

                        <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' }}

                        open={open}

                        autoHideDuration={3000}

                        onClose={handleClose}

                    >

                        <MuiAlert onClose={handleClose} severity="success" elevation={6}
variant="filled" >

                            Category successfully Added
```

```jsx
                </MuiAlert>
              </Snackbar>
            </div>
          }
          {title === 'unfilled' &&
            <div className='root'>
              <Snackbar
                anchorOrigin={{ vertical: 'top', horizontal: 'right' }}
                open={open}
                autoHideDuration={3000}
                onClose={handleClose}
              >
                <MuiAlert onClose={handleClose} severity="warning" elevation={6} variant="filled" >
                    Unfulfilled fields..!!
                </MuiAlert>
              </Snackbar>
            </div>
          }

        </div>

    );
};


export default CustomizedSnackbar;
```

SnackbarStyles.js

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


export default makeStyles((theme) => ({
```

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

snackbar.css

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

categories.js

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

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


export const incomeCategories = [
  { type: 'Business', amount: 0, color: incomeColors[0] },
  { type: 'Investments', amount: 0, color: incomeColors[1] },
  { type: 'Extra income', 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: 'Rental income', amount: 0, color: incomeColors[8] },
];
```

```javascript
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

```javascript
const formatDate = (date) => {
  const d = new Date(date);

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

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

```
  if (day.length < 2) {

    day = `0${day}`;

  }


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

}


export default formatDate;
```

main.py

```python
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;SECURITY=
SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=hln67748;PWD=yRDx30Fb0x6
kA8Db",",")


@app.route("/")


def my_index():

  return flask.render_template("index.html", token="Hello World")


app.run(debug=True)
```