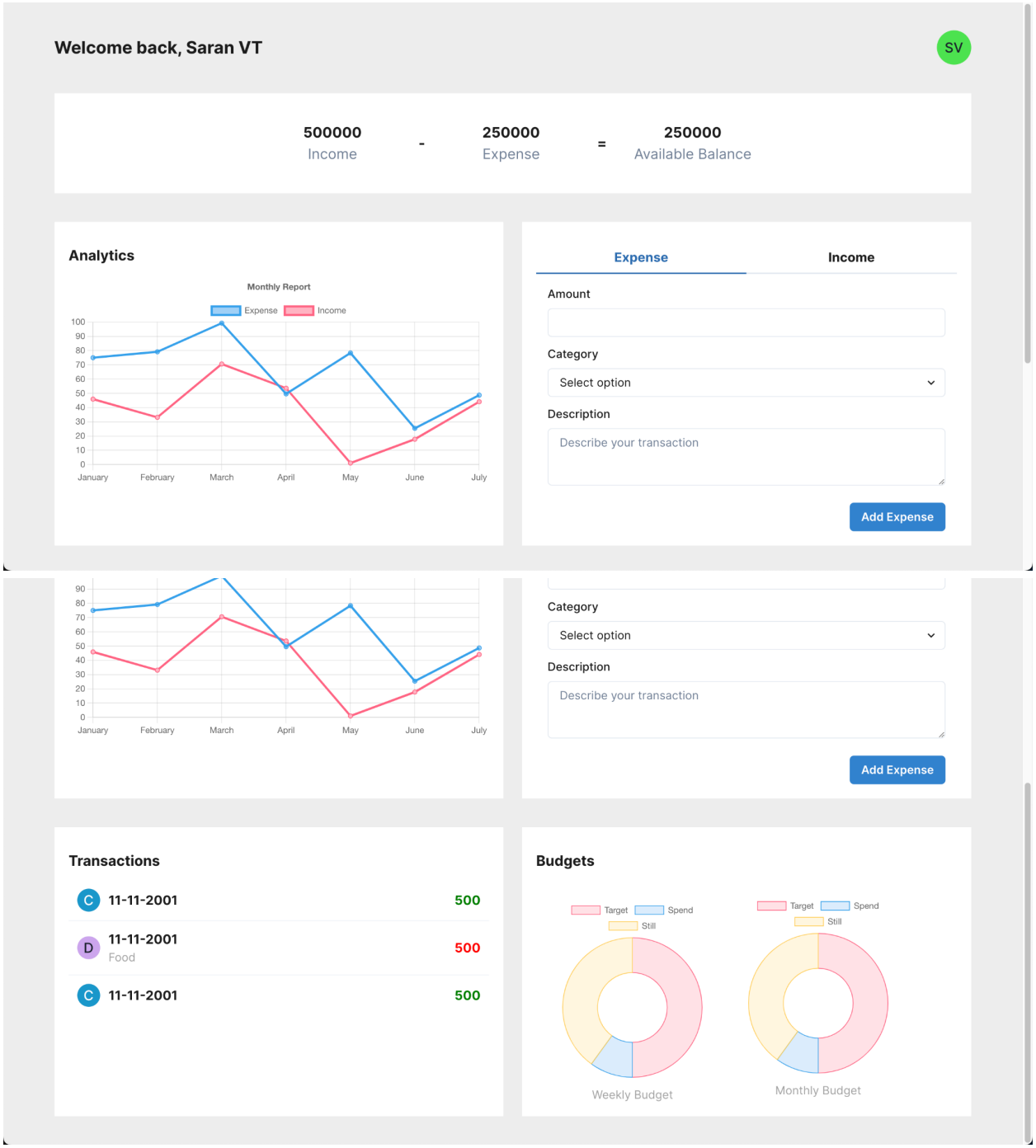
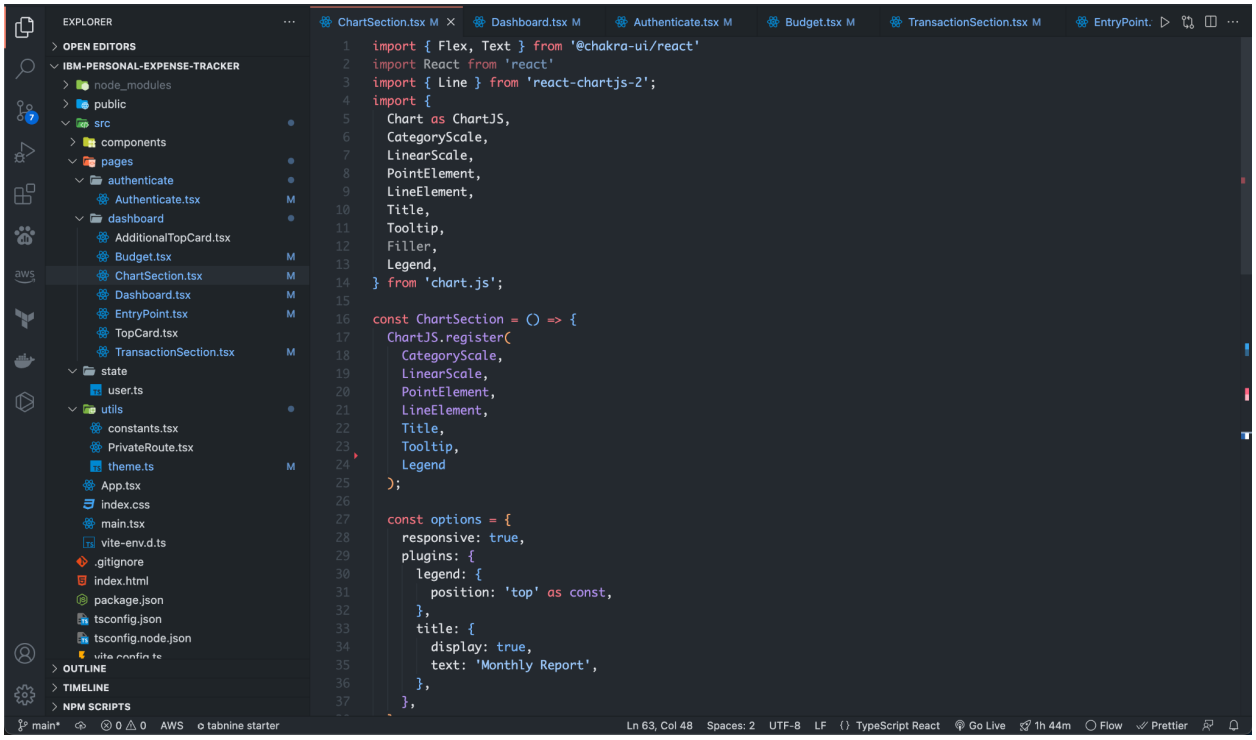
Sprint 3

Team ID	PNT2022TMID04671
Project Name	Personal Expense Tracker

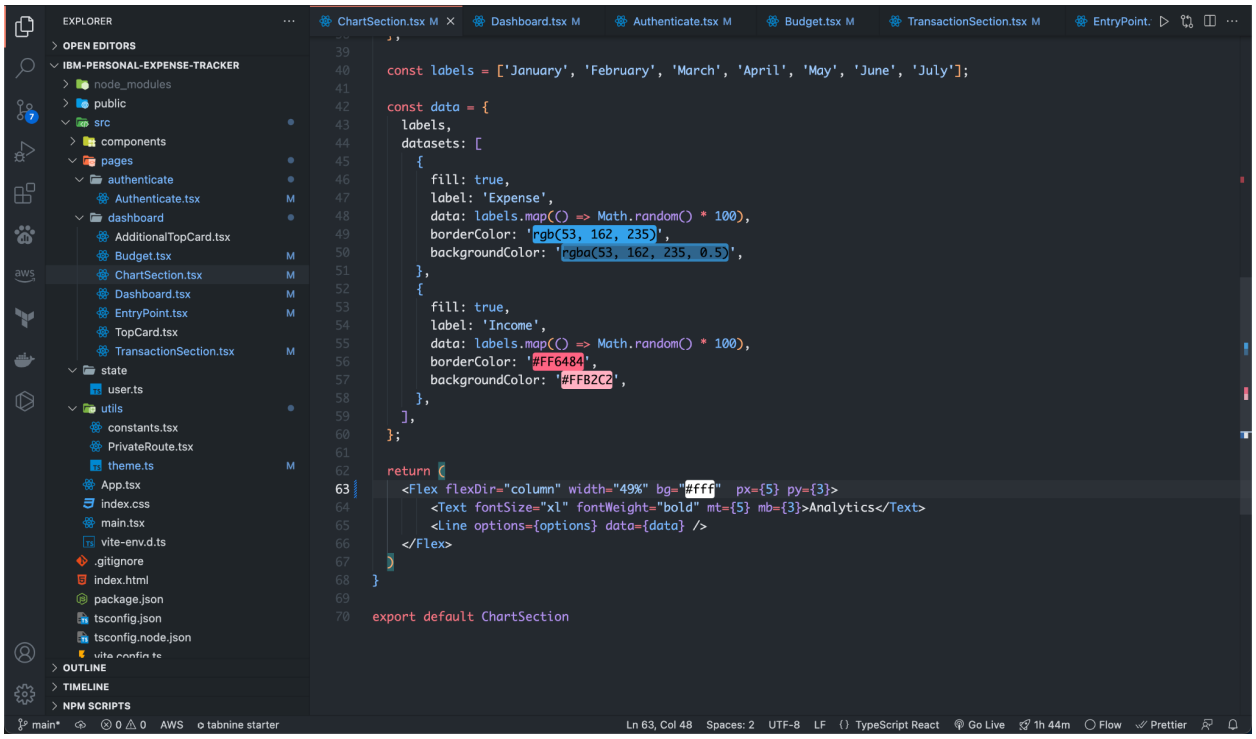
GRAPHICAL REPRESENTATION & BUDGETS PAGE SNAPSHOTS

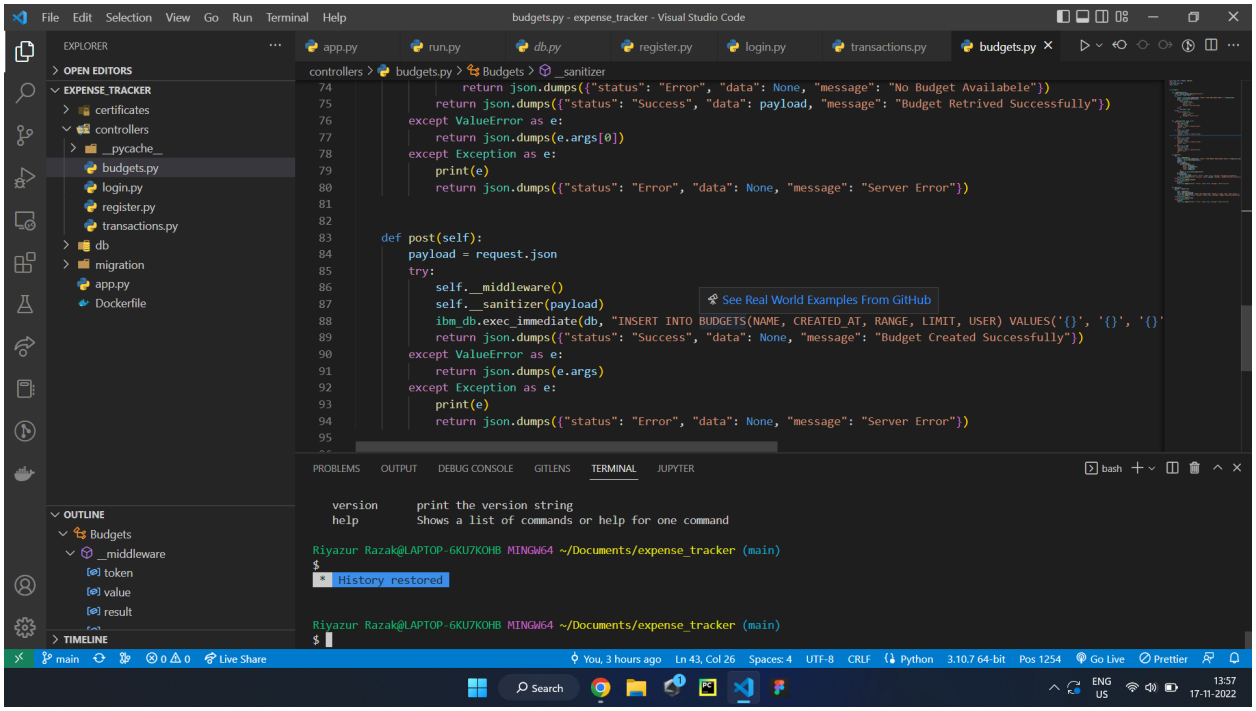


Frontend Code



```
import { Flex, Text } from '@chakra-ui/react'
import React from 'react'
import { Line } from 'react-chartjs-2';
import {
  Chart as ChartJS,
  CategoryScale,
  LinearScale,
  PointElement,
  LineElement,
  Title,
  Tooltip,
  Filler,
  Legend,
} from 'chart.js';

const ChartSection = () => {
  ChartJS.register(
    CategoryScale,
    LinearScale,
    PointElement,
    LineElement,
    Title,
    Tooltip,
    Legend
  );

  const options = {
    responsive: true,
    plugins: {
      legend: {
        position: 'top' as const,
      },
      title: {
        display: true,
        text: 'Monthly Report',
      },
    },
```



```
  const labels = ['January', 'February', 'March', 'April', 'May', 'June', 'July'];

  const data = {
    labels,
    datasets: [
      {
        fill: true,
        label: 'Expense',
        data: labels.map(() => Math.random() * 100),
        borderColor: 'rgb(53, 162, 235)',
        backgroundColor: 'rgba(53, 162, 235, 0.5)',
      },
      {
        fill: true,
        label: 'Income',
        data: labels.map(() => Math.random() * 100),
        borderColor: '#FF6484',
        backgroundColor: '#FFB2C2',
      },
    ],
  };

  return (
    <Flex flexDir="column" width="49%" bg="#fff"  px={5} py={3}>
        <Text fontSize="xl" fontWeight="bold" mt={5} mb={3}>Analytics</Text>
        <Line options={options} data={data} />
    </Flex>
  )
}

export default ChartSection
```

Backend Code (Flask)