**Assignment 2 – JavaScript Frameworks**  
**Student Name:**

**Purpose of your application: *(2 marks)***

The purpose of the **Budget Tracker** application is to help users manage their finances by tracking their income and expenses. Users can log each transaction, categorize them (e.g., groceries, entertainment), and monitor their financial activity over time. This will help users gain insights into their spending habits and stick to a budget.

**Why will this application be useful? *(2 marks)***

This application will be useful for individuals who want to take control of their finances by tracking their income and expenses in a simple, organized way. It will help users make informed decisions about their spending and savings by providing them with clear insights into where their money is going each month. With budget tracking, users can avoid overspending and improve their financial health.

**What additional feature are you going to implement? Which additional npm package(s) might you consider using? *(2 marks)***

The additional feature I will implement is **spending visualization**. This will allow users to see a graphical representation of their spending patterns over time, categorized by expense types (e.g., food, rent, entertainment). This will help users understand which categories consume most of their budget.

For this feature, I will consider using the following npm packages:

* **Chart.js** – For rendering interactive and responsive charts that display spending trends.
* **moment.js** – For handling dates and times, especially useful for categorizing transactions by month or year.
* **express-validator** – To ensure user inputs (e.g., income amount, expense categories) are validated before being stored in the database.

**How will you do the CSS – your own / a framework / both? Why? *(2 marks)***

I will use **Bootstrap** as the CSS framework for this project. Bootstrap will provide a quick, responsive, and user-friendly interface with minimal effort, allowing me to focus on functionality and logic. I will customize the default styles to match the visual aesthetics of the Budget Tracker, ensuring the app looks clean and professional. This will make it easier to create a responsive design that works across all devices without needing to write a lot of custom CSS from scratch.