**CSE100 PROJECT DESCRIPTION**

**EXPENSE TRACKER**

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* **Motivation and background:-**

We were motivated to make an expense tracker mainly due to 3 issues namely Budgeting, Financial Planning and investment planning. Accordingly we started developing a website that ensures the achieve a solution for all the three problems.

* **Purpose:-**

Our purpose was to make a website which has the capability to solve Budgeting, Financial planning and investment planning problems . Accompanying with the facility to print the data.

* **Methodology:-**

We have made a website to log our personal expenses and incomes and keep a track of it. We have worked on both front-end and back-end using HTML,CSS and JS(JavaScript). We have used also used the library of JS for making graphs as chart.js

* **Data:-**

All the data involved in the project are the used input data .User input data is important for an expense tracker because it allows the software to accurately track and categorize expenses ,generate visual graph and charts, and provide insight into spending patterns. Without user input data, the expense tracker would not be able to provide useful information or help users manage their finance effectively.

* **Result and Discussion:-**

We have made a website for tracking personal finance(expense and income). We have given options for giving a name to each transactions and categorize them as income or expense using the provided radio buttons and all the transaction history is stored in a list. We can also see our net balance. We have also given the functionality to export the transaction list as a pdf. We have also plotted a graph of expense V.S. income which can give an idea related to transactions .

* **Limitations:-**

Expense tracker is a programmed and developed website, Which means it can be vulnerable to glitches and bugs or other technical issues user should not completely rely on the expense tracker and should cross check data manually to ensure accuracy . Overall an expense tracker can be useful tool for managing finances, but it is important to understand its limitation and use it in conjunction with other financial management strategies.

* **Conclusion:-**

We have a developed a website that can solve budgeting issue, financial issue and investing issues by tracking all the ins and outs of finance and develop suitable finance strategies.