

Dollar Bot

Your Financial Sidekick, Right on Telegram!

WHY CHOOSE DOLLAR BOT?

Manage expenses directly from Telegram, no extra app required!

Instantly record and view expenses, helping you stay mindful of your spending on a daily basis.

Easy-to-use commands make it effortless to manage your expenses.

Set and track budgets to stay on target. DollarBot keeps your financial goals within reach

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TECHNOLOGIES USED:



Whats New ? (Implemented in Project 2)

Voice Command Feature



Record expenses and access features hands-free! Our new voice recognition functionality makes manage your finances faster and more convenient.

UI Enhancements



Improved menu display using inline keyboard buttons, giving a more intuitive and user-friendly experience.

Enhanced Error Handling



Introduced custom exceptions to manage errors more precisely, ensuring a robust and reliable user experience.

Social Sharing



Generated a sharable link to easily share your expense summary on social media (WhatsApp, LinkedIn, Facebook)

Summary and Report



Quickly get summary of spending by category over a set period. Access a detailed breakdown of spending, including individual transactions, over a customizable date range.

Improved Test Coverage



Added comprehensive test cases for all the above functionalities, reinforcing the bot's stability and performance.

No of Test Cases : 140



Git Hub URL - <https://github.com/CSC510-SE/SAITEJA-MADHUMITHA-SHRUTI/DollarBot>

FUTURE ENHANCEMENTS

Cross platform Compatibility :

Expand DollarBot's accessibility to a broader user base by optimizing its performance on Windows operating systems.

Integration with Financial APIs:

Integrate with popular financial APIs to fetch real-time transaction data from bank accounts and credit cards.

Multi-Currency Support:

Extend DollarBot's functionality to support multiple currencies, catering to users with diverse financial portfolios.

Natural Language Processing (NLP) Integration:

Enhance DollarBot's user experience by implementing Natural Language Processing (NLP) capabilities. Enable the bot to respond to casual conversation, making interactions more intuitive and user-friendly.

Secure Cloud Sync and Backup: Implement a secure cloud sync and backup feature to ensure users' data is protected and accessible across devices.

Application Snapshots:

