

Here's a description of each command as a feature of the chatbot:

Welcome to the Dollar Bot!
DollarBot can track all your expenses with simple and easy to use commands :)
Here is the complete menu.

`/help`: Display the list of commands.

`/pdf`: Save history as PDF.

`/csv`: Save history as a cv file.

`/add_user`: Add users to expense tracker

`/delete_user`: Delete user from the registered users

`/add`: This option is for adding your expenses
1. It will give you the list of categories to choose from.
2. You will be prompted to enter the amount corresponding to your spending
3.The message will be prompted to notify the addition of your expense with the amount,date, time and category

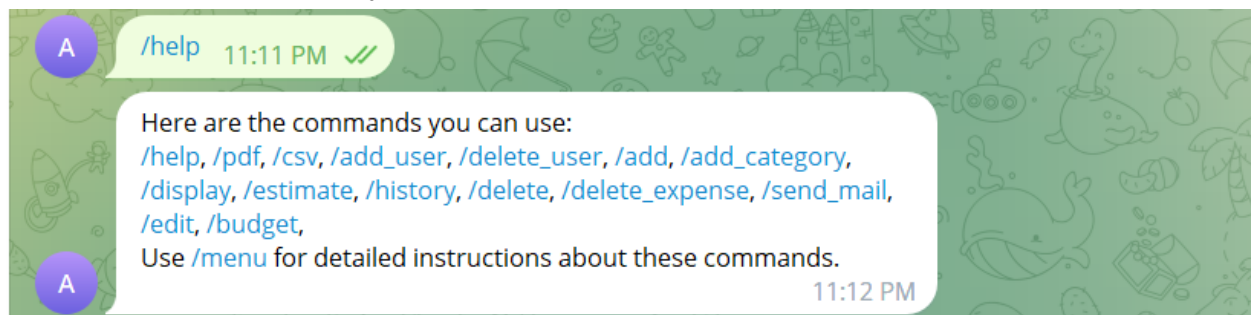
`/add_category`: This option is for adding new category
1. You will be prompted to enter a new category
2.The message will be prompted to notify the addition of your category

`/display`: This option gives user a graphical representation(bar graph) of their expenditures
You will get an option to choose from day or month for better analysis of the expenses.

`/estimate`: This option gives you the estimate of expenditure for the next day/month. It calculates based on your recorded spendings

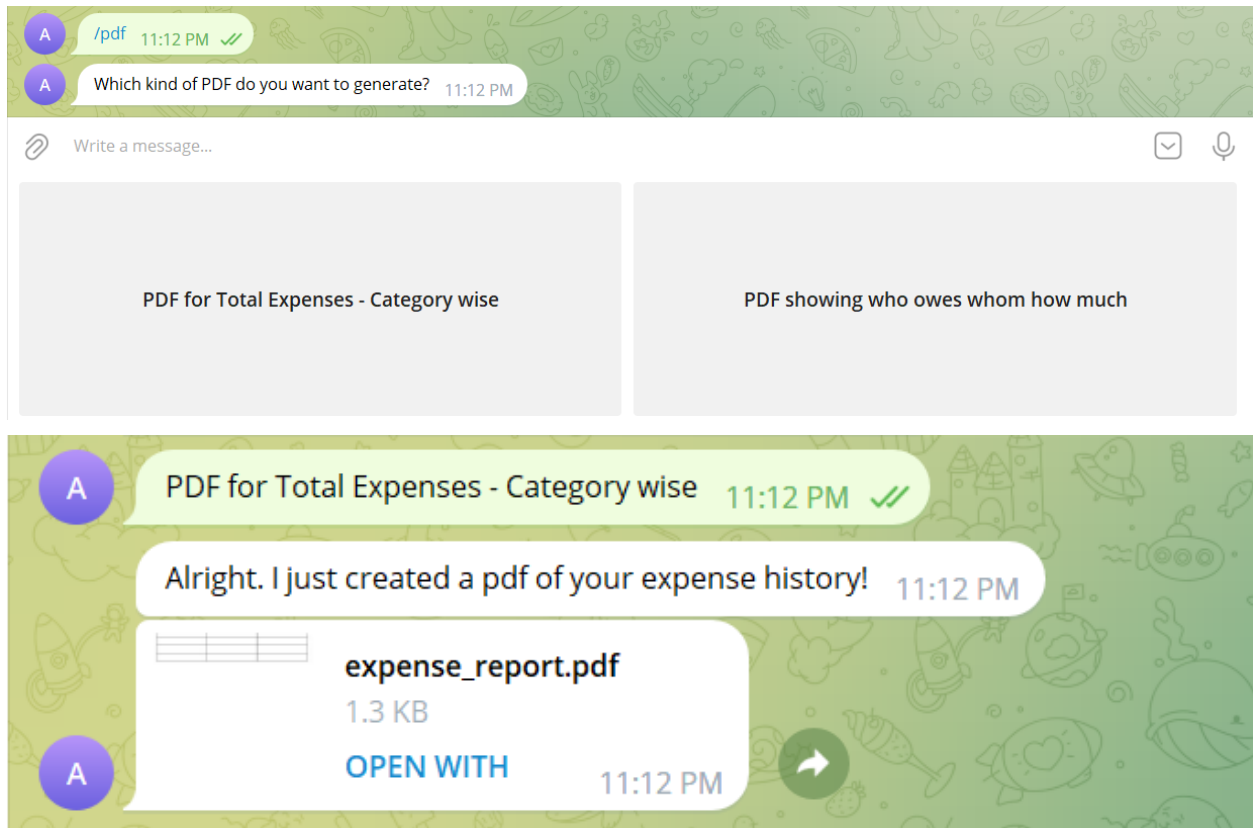
1. **help**:

- Feature: Display the list of commands.
- Description: This command provides users with a list of available commands, helping them understand what actions they can perform with the chatbot.



2. **pdf**:

- Feature: Save history as PDF.
- Description: This command allows users to save their expense history as a PDF document. It enables them to create a permanent record of their financial transactions.

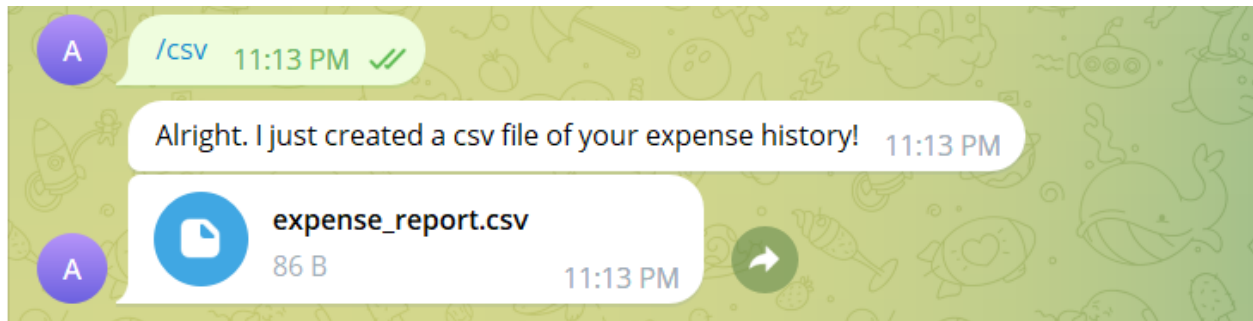


Expense Report

Date & Time	Category	Amount
17-Oct-2023 17:07	Groceries	30.0
17-Oct-2023 17:08	Groceries	30.0
17-Oct-2023 17:13	Food	1000000.0

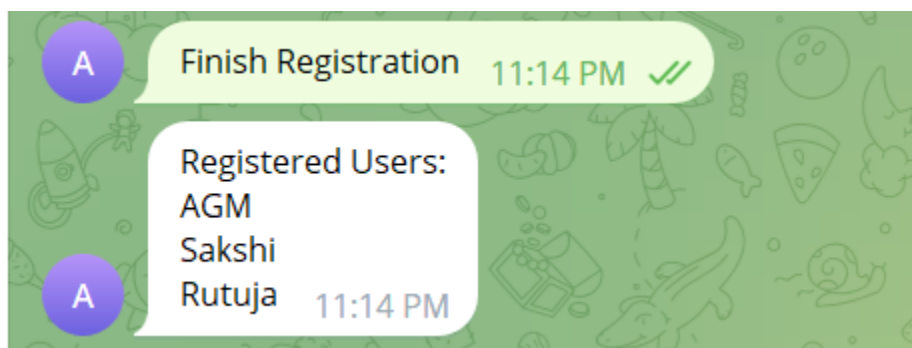
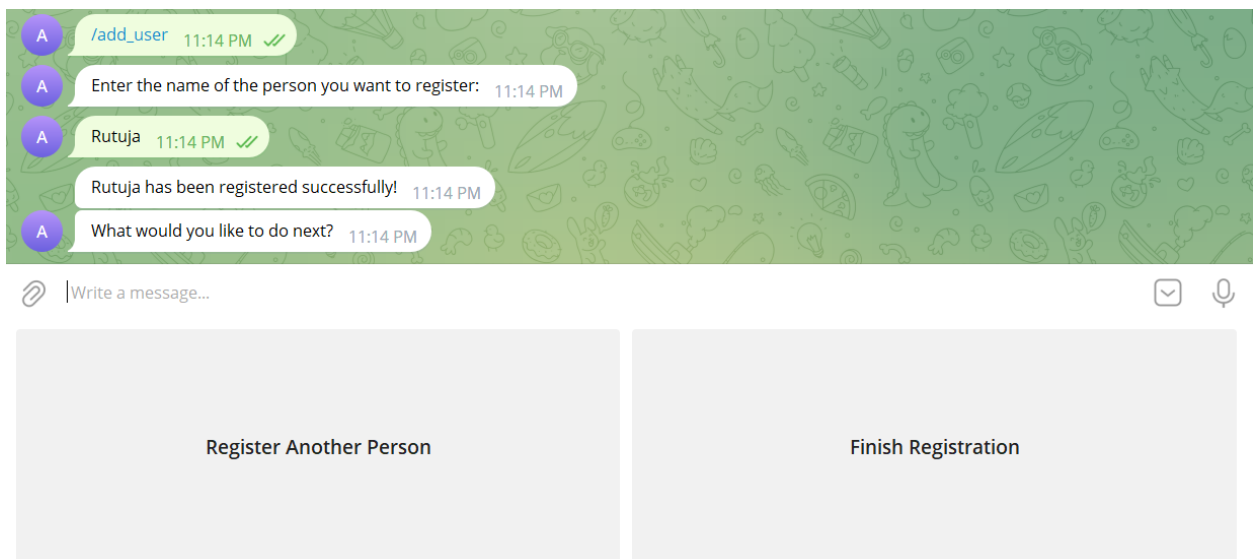
3. csv:

- Feature: Save history as a CSV file.
- Description: Users can use this command to save their expense history as a CSV (Comma-Separated Values) file, which can be easily imported into spreadsheet applications for further analysis.



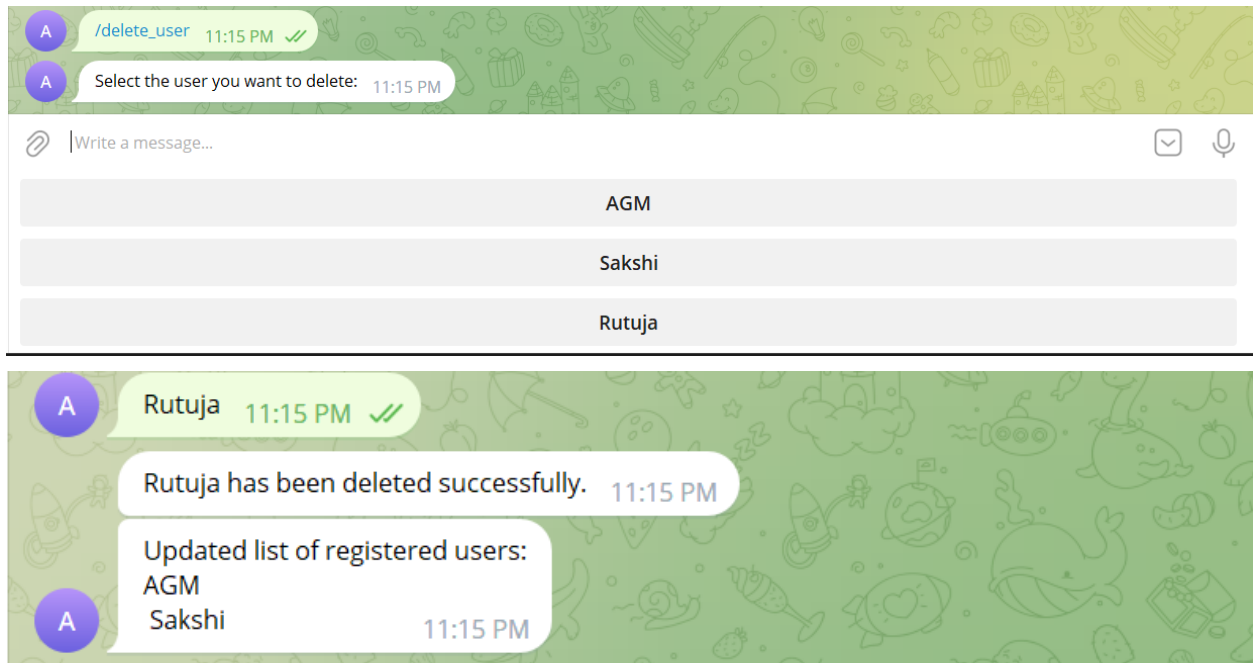
4. **add_user:**

- Feature: Add users to the expense tracker.
- Description: This feature allows administrators or authorized users to add new users to the expense tracking system, expanding the user base.



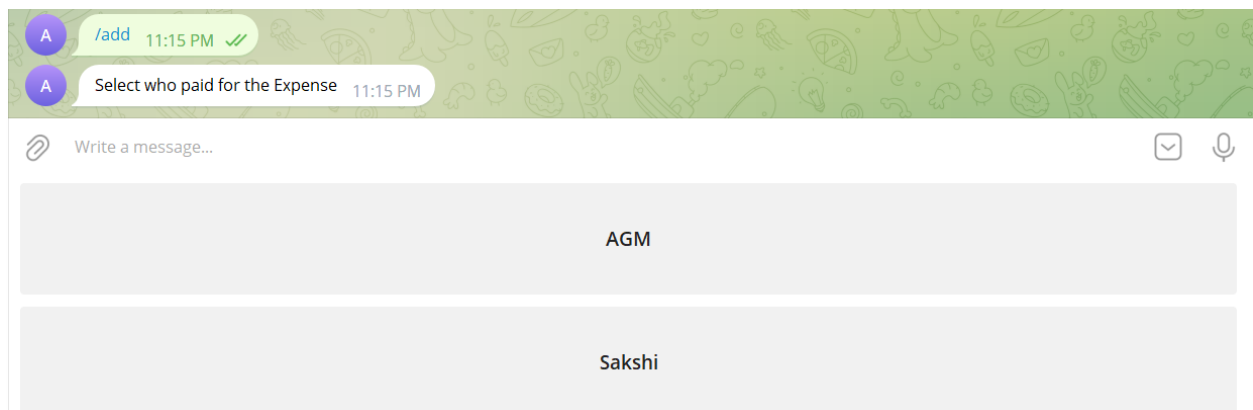
5. **delete_user:**

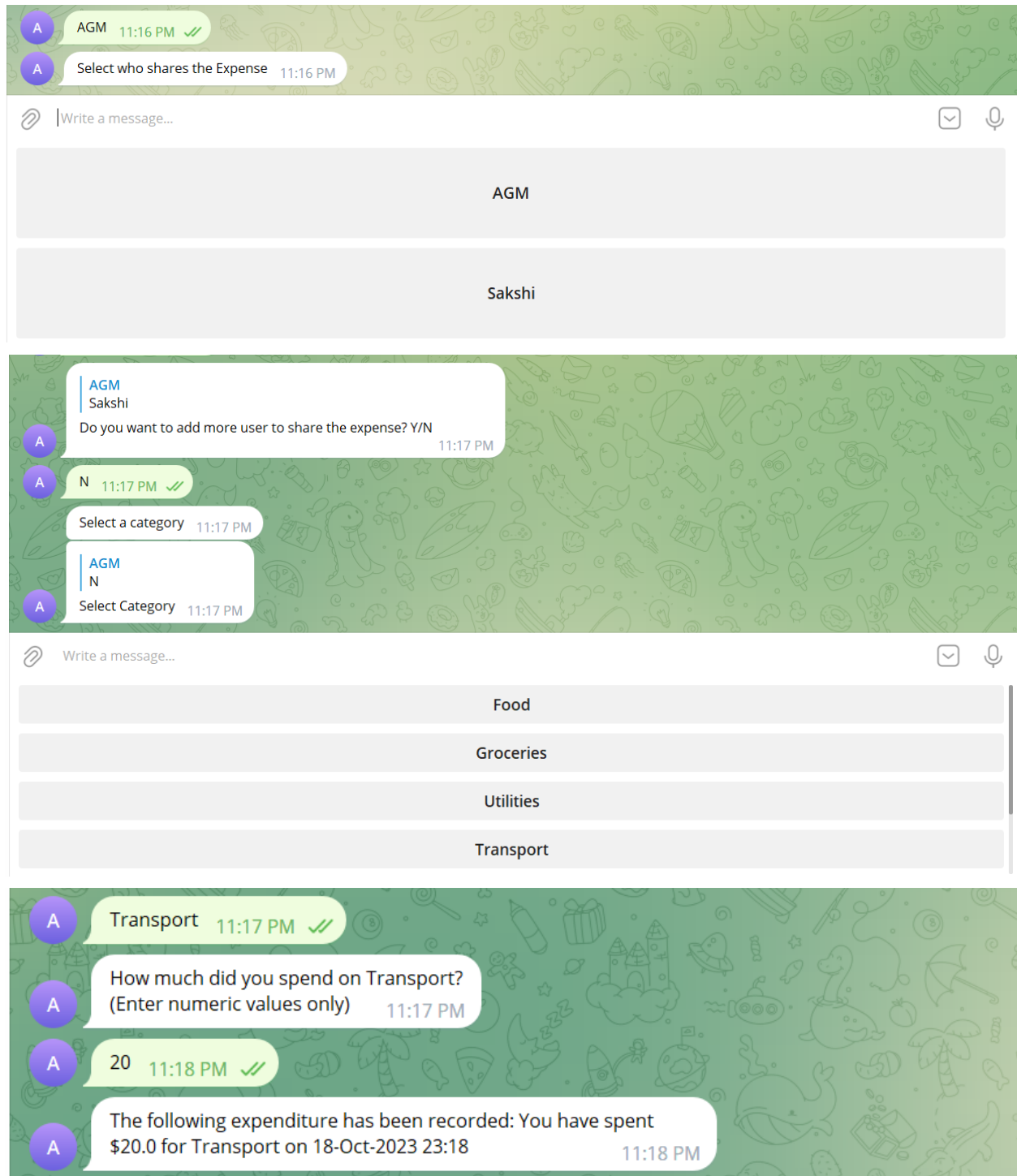
- Feature: Delete a user from the registered users.
- Description: Users with appropriate permissions can use this command to remove a registered user from the system, helping with user management.



6. **add:**

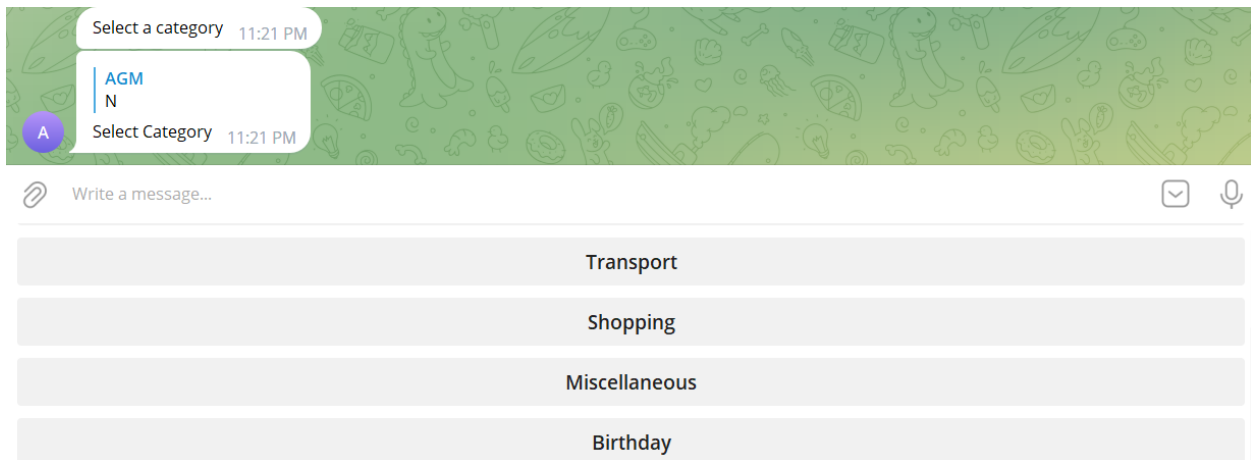
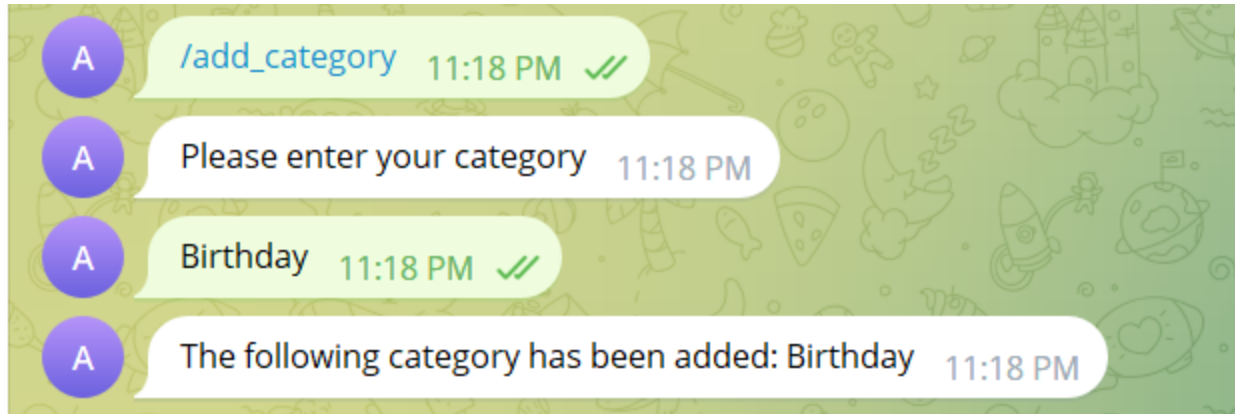
- Feature: Add expenses.
- Description: This command is for users to add their expenses to the system. It guides them through the process, including selecting a category, entering the amount, and recording the expense with date and time details.





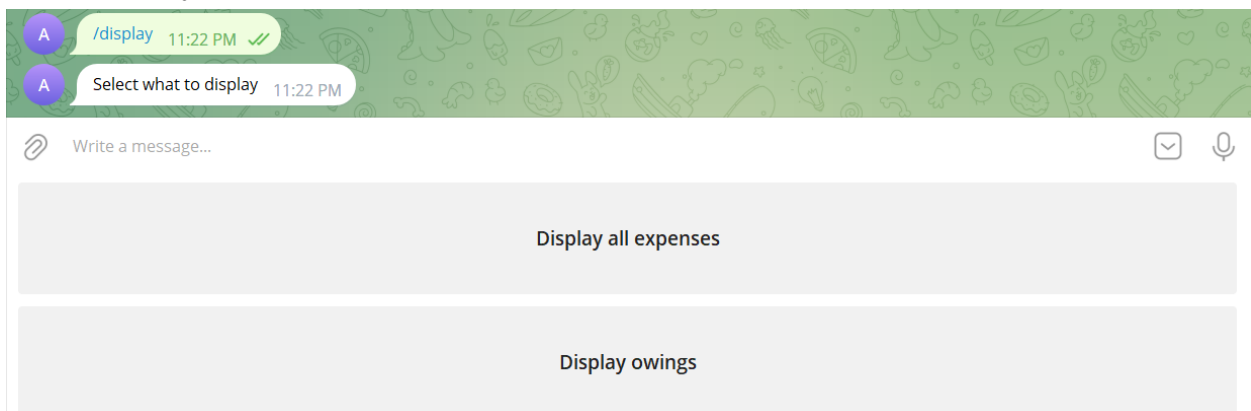
7. **add_category:**

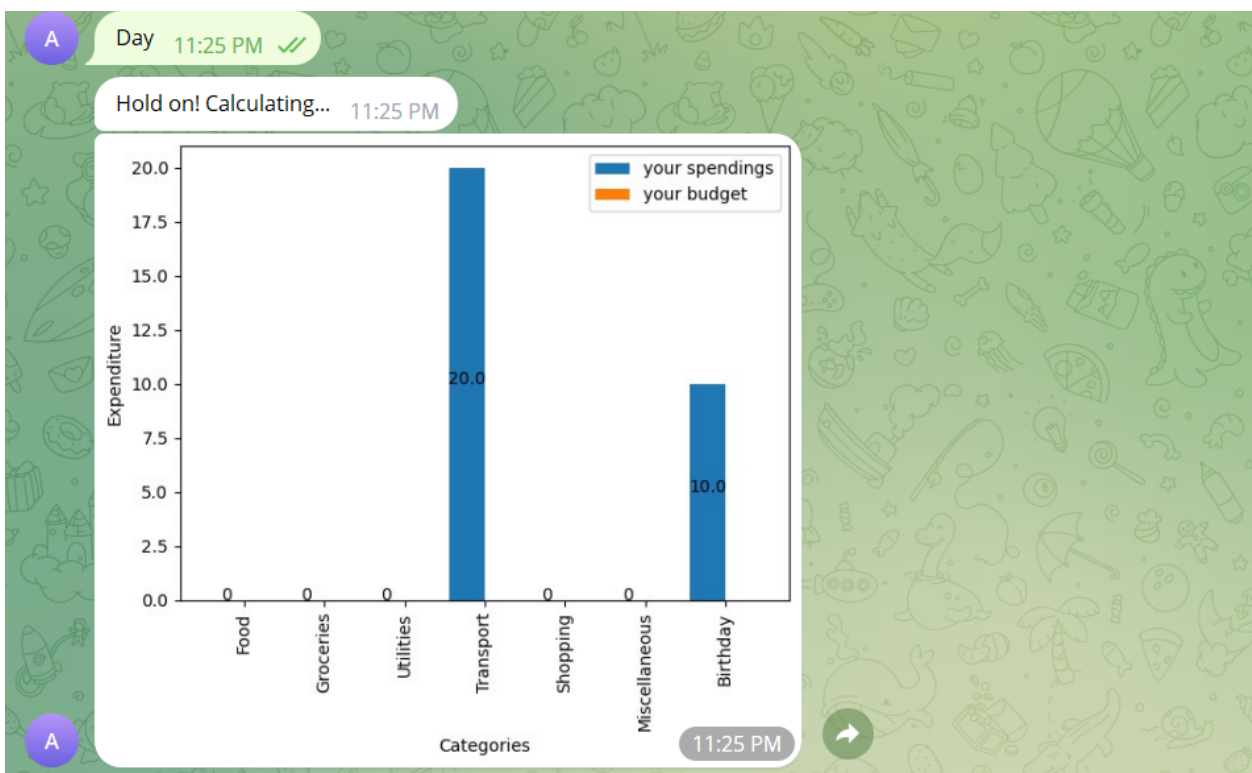
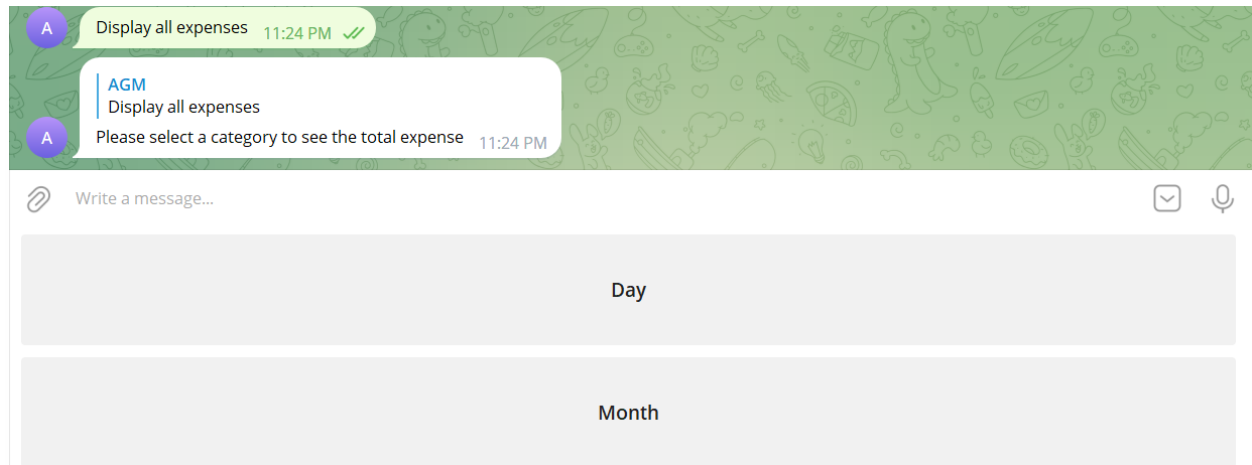
- Feature: Add a new expense category.
- Description: Users can create new expense categories using this command, allowing for better organization and tracking of their spending.



8. display:

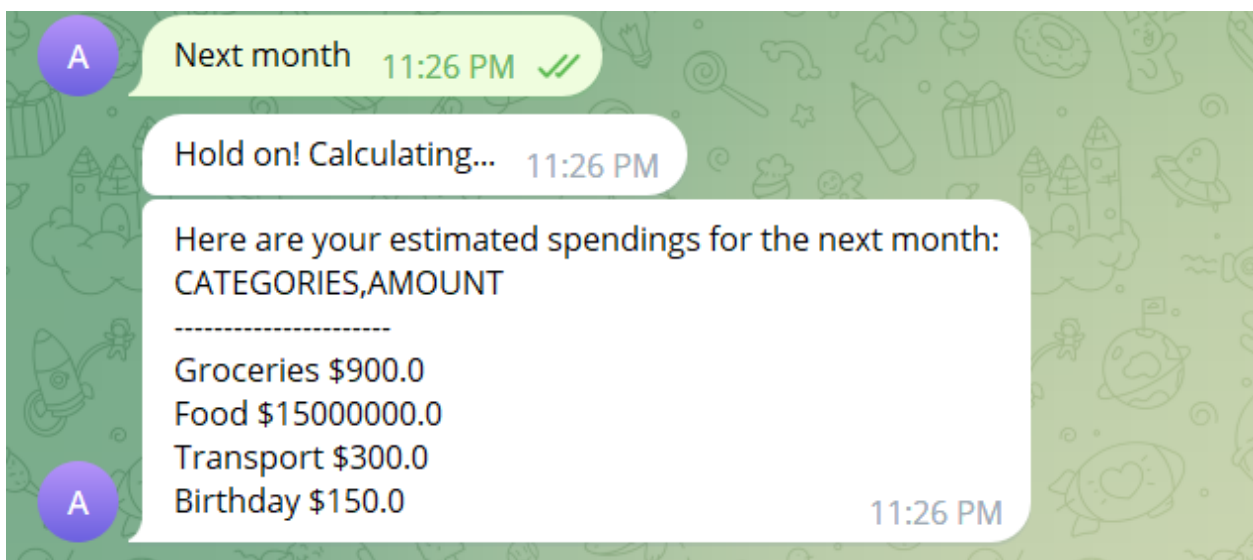
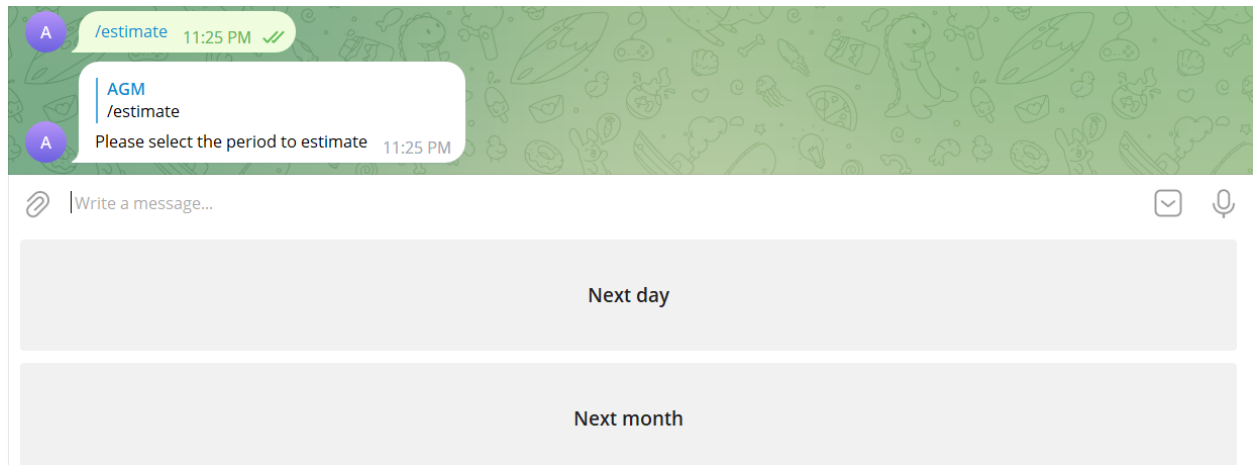
- Feature: Display a graphical representation of expenditures.
- Description: This feature provides users with visual insights into their spending habits by generating a bar graph to represent their expenses. Users can choose between day or month views for analysis.





9. estimate:

- Feature: Estimate future expenditures.
- Description: Users can get an estimate of their future expenditures based on their recorded spending history, helping them plan their finances more effectively.



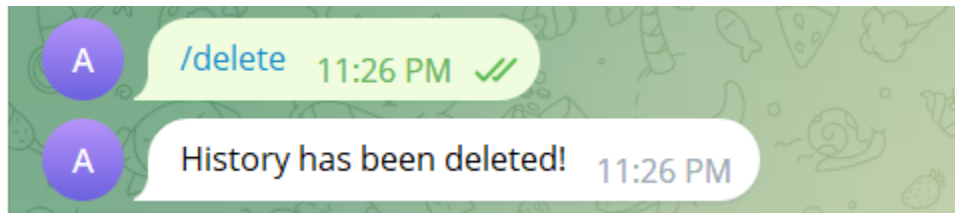
10. history:

- Feature: Display detailed expenditure history.
- Description: This command provides users with a detailed summary of their expenditure history, including date, time, category, and amount. It serves as a quick reference to their past spending.



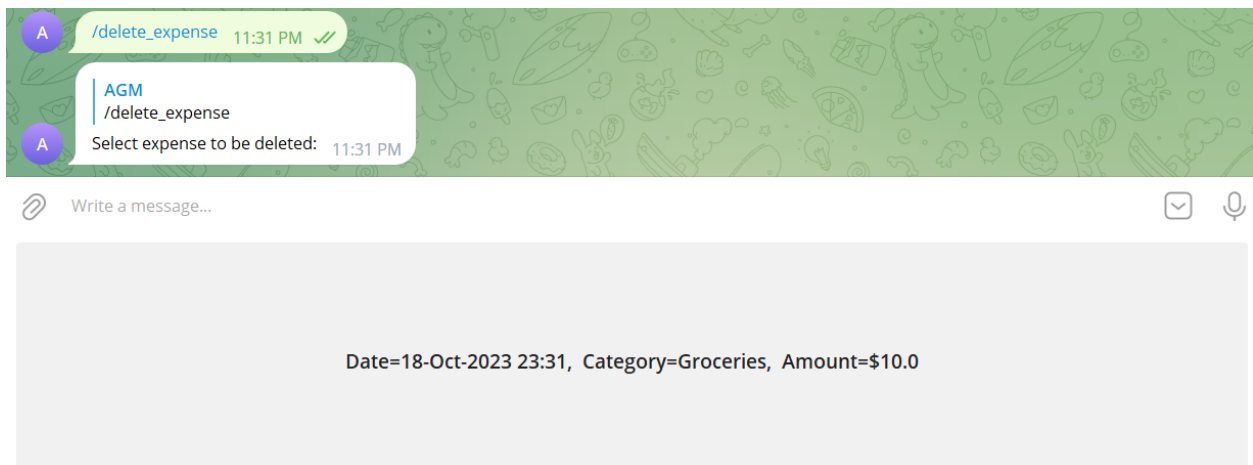
11. delete:

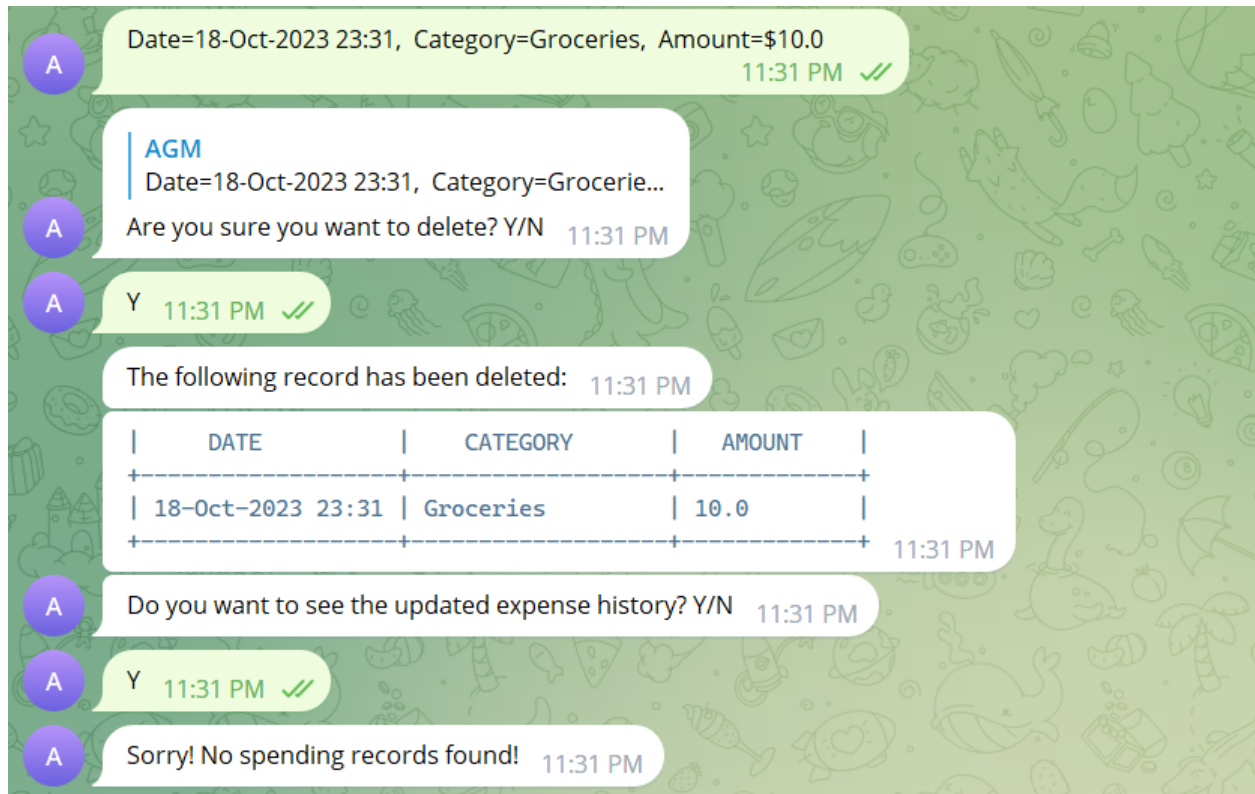
- Feature: Clear all records.
- Description: This feature allows users to clear or erase all their expense records, effectively starting with a clean slate.



12. delete_expense:

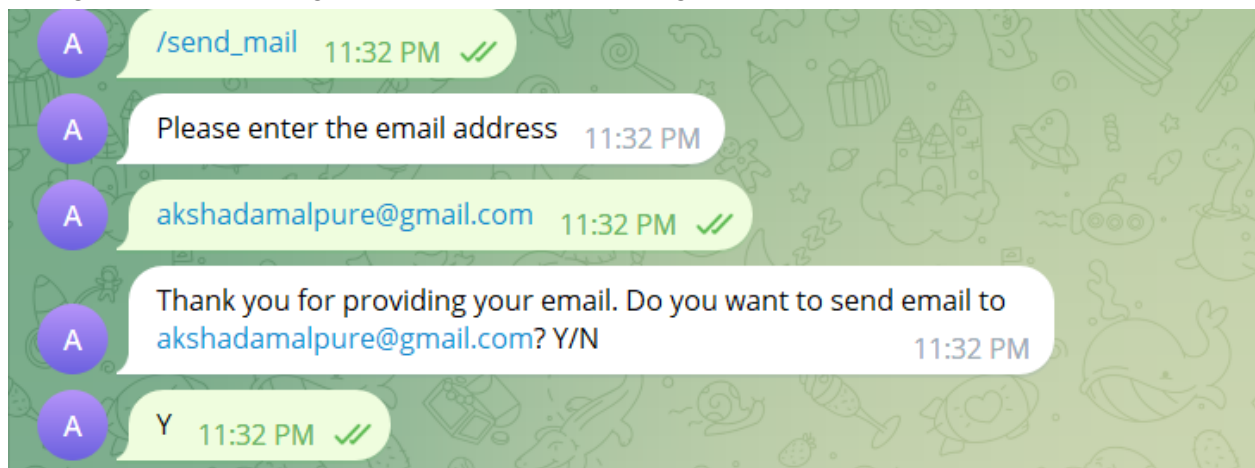
- Feature: Clear an individual expense record.
- Description: Users can delete specific expense records from their history, allowing them to remove individual transactions.





13. `send_mail`:

- Feature: Send emails for calculating Owings.
- Description: This command facilitates the sending of emails related to calculating financial Owings or debts, making it easier for users to manage shared expenses with others.



Calculated Owings Inbox x



csc510group32@gmail.com

to me ▾

...

AGM gets back 0.0 dollars.

AGM gives to no one.

...

14. edit:

- Feature: Edit and update expense details.

- Description: Users can use this feature to revisit and correct or update specific details of their expenses, such as the amount, date, or category.



Write a message...



Date=18-Oct-2023 23:35, Category=Groceries, Amount=\$20.0



Write a message...

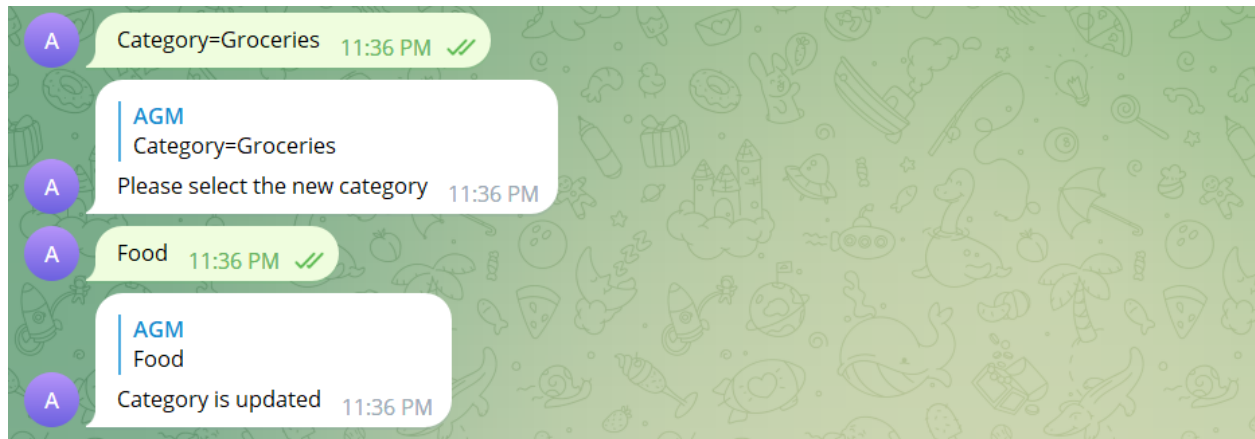


Date=18-Oct-2023 23:35

Category=Groceries

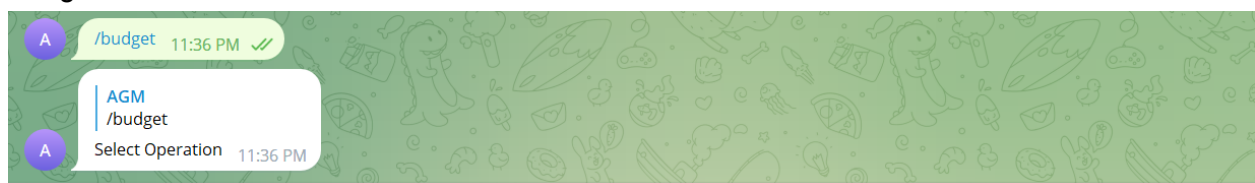
Amount=\$20.0

Show desktop



15. budget:

- Feature: Set, update, and delete budget categories.
- Description: This command provides tools for users to manage their budget. They can set new budgets, update existing ones, view the status of their budgets, and delete budget categories as needed.



Write a message...

Add

Update

View

Delete

