



## What is Dollar Bot?

DollarBot is a user-friendly interface bot designed to help you track and manage your daily expenses effortlessly. It makes financial management seamless and accessible on the go!

### Test Cases

There are in total **78 test cases** that cover the entire functionality of the bot!



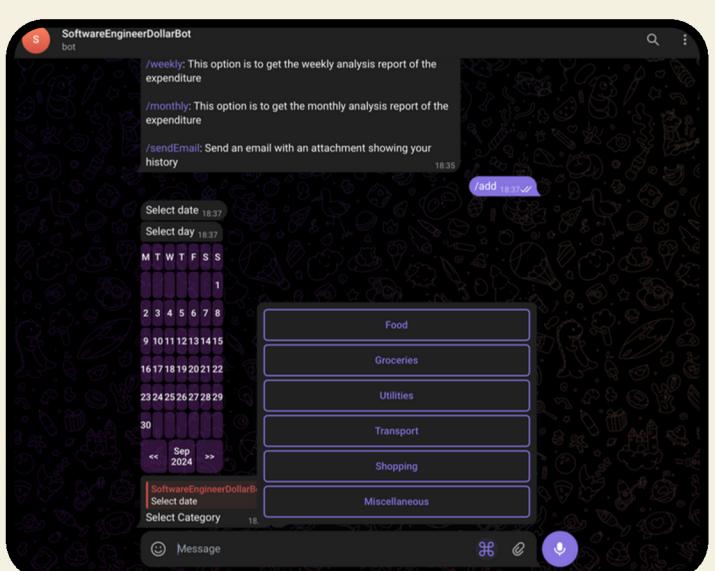
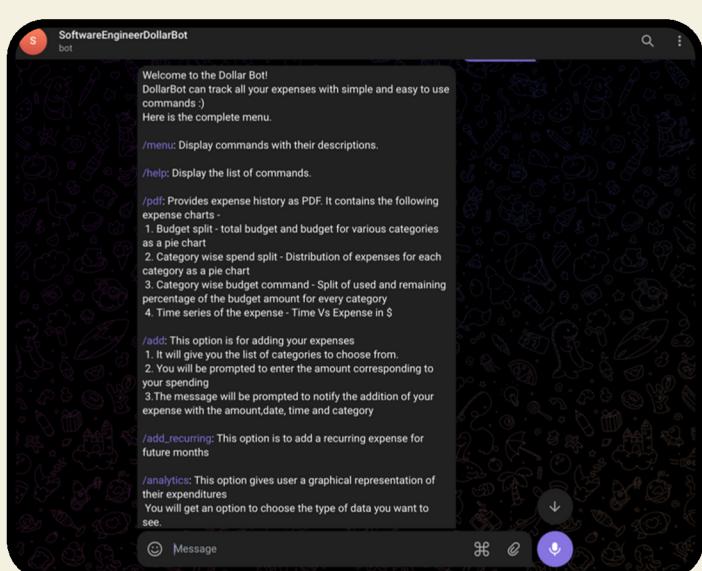
## Future Work

- **Build a web-app:** Allow users to track expenses easily from their phones or desktops through a user interface and avoiding the hassle of setting up telegram. This also ensures that the users can view more information at a glance using more interactive visualizations.
- **Split Expense Tracking:** Easily log shared expenses and calculate who owes what. Simplify debt and avoid making multiple payments.
- **Budget Limits and Alerts:** Option to set daily/monthly reminders and alert the user by mailing them if they cross these limits.
- **Financial Goal Setting:** Set short-term and long-term financial goals. Track progress with visual indicators and celebratory notifications.
- **Multi-Currency Support:** Log expenses in multiple currencies (USD, INR, EUR, etc.) and manage accounts seamlessly. Perfect for travelers or international users.

## Why Dollar Bot?

- **Expense Tracking Made Easy:** Easily record and categorize your expenses with quick commands. Access your spending history anytime to stay on top of your finances.
- **Predict future expenses:** Predict next month's budget based on the current expenditure to plan and stay ahead!
- **Visual Insights:** Easily analyze your financial habits and identify spending trends.
- **Export Options (CSV, PDF):** Export your spending data in CSV or PDF format for easy analysis. Ideal for importing into spreadsheets or sharing reports.
- **Email Reports:** Automatically send your expense reports via email. Keep a backup or share your financial data quickly and easily.
- **Edit/Change any spending details:** Life is full of surprises, and sometimes expenses change. DollarBot adapts with you, offering easy editing options to keep your story accurate.
- **Custom Category Management:** Allow users to manage expense categories. Users can add, edit, or delete categories according to their preferences.

## Screenshots



GROUP 9

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# To-Done

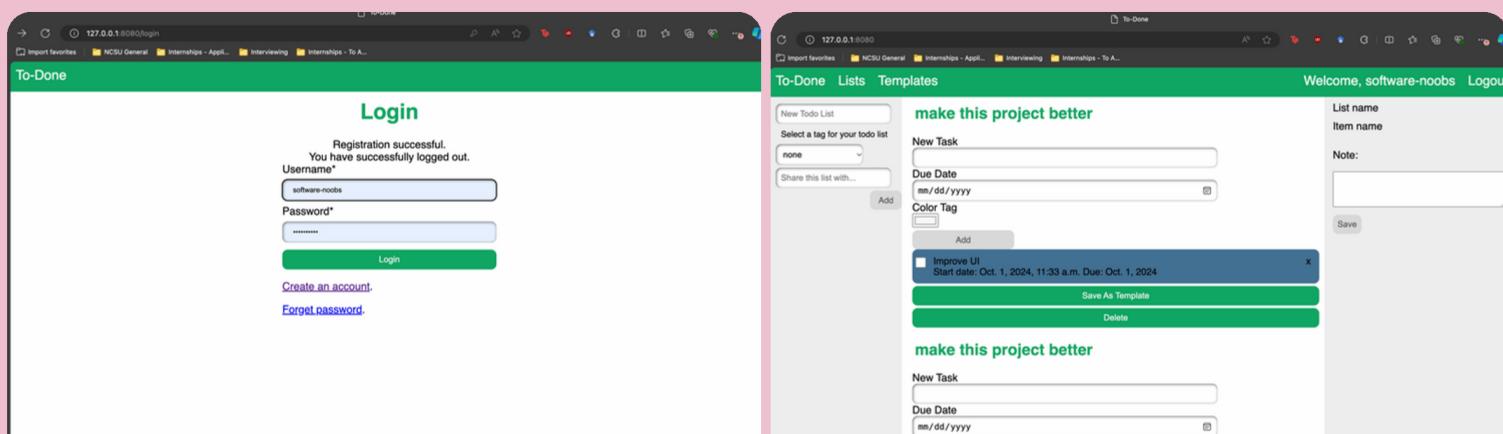
## What is To-Done?

To-done lets you manage your todo list effectively with minimal effort. With a simple web interface, you can access your todo list on the go. Free of clutter and confusion, to-done provides a hassle-free way to organize tasks for yourself and others.

## Why To-Done?

- Real-time Synchronization:** the app provides instant updates across all devices, ensuring that all users have access to the most current information. This real-time functionality is crucial for teams working on time-sensitive projects.
- Collaborative Task Management:** To-Done excels in facilitating teamwork through its shared todo lists feature. This allows multiple users to collaborate on projects seamlessly.
- Due Date Alerting Mechanism:** It includes a due date alerting system, helping users stay on top of their deadlines and prioritize tasks effectively.
- Customizable Grouping Tags:** Users can add tags to todo lists for customizable grouping, making it easier to organize and categorize different types of tasks or projects.

## Screenshots



## test cases

There are in total 22 test cases that include API tests and functionality tests!!!

## Group 9

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## Tech Stack



## Future Improvements

- Improving Shared Lists:** Redesigning the database to be more efficiently organized for shared lists and users in a team. This will reduce the number of database calls made by the application and also remove the duplication of data that is currently present in the database.
- Redesigning Notes:** Currently, the notes section has limited functionality. A new notes section will allow users to quickly jot down new thoughts and ideas.
- Notifications:** Adding timely email notifications so that users are reminded of their upcoming tasks, improving their productivity.
- Templating:** Improving templates with view, edit and delete functionalities.
- UI Overhaul:** Improving the overall UI of the application in terms of user-friendliness and aesthetic. Also, redesigning the structure of the website to better organize the information available to the user.
- Containerization:** Improving portability and ease of deployment by dockerizing the application.