



Task Manager App

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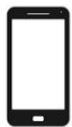
About the project

Task Manager App is a Flutter app that utilizes Firebase for backend services.

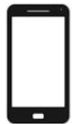
The app allows users to create, manage, and organize their to-do tasks seamlessly. Firebase is integrated for real-time data synchronization, authentication, and cloud storage.

Features:

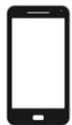
- . User Authentication
- . Real-time Data Sync
- . Add and Edit Tasks
- . Delete Tasks
- . Task Categories
- . Mark the task as done



Sign up



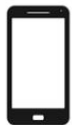
Login



Add tasks



Edit tasks



Delete tasks



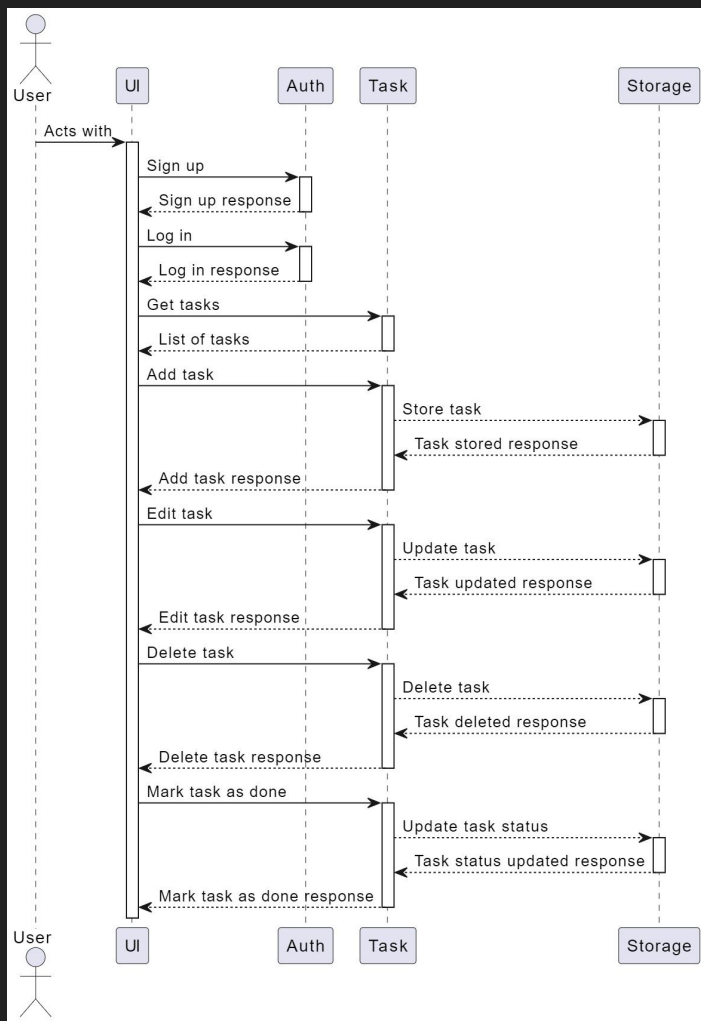
Flutter

Mobile apps



Firebase


Backend and
Database



Sequence Diagram of the Task Manager App

Login and Sign Up


9:10



Don't have an account? [Sign UP](#)

Login

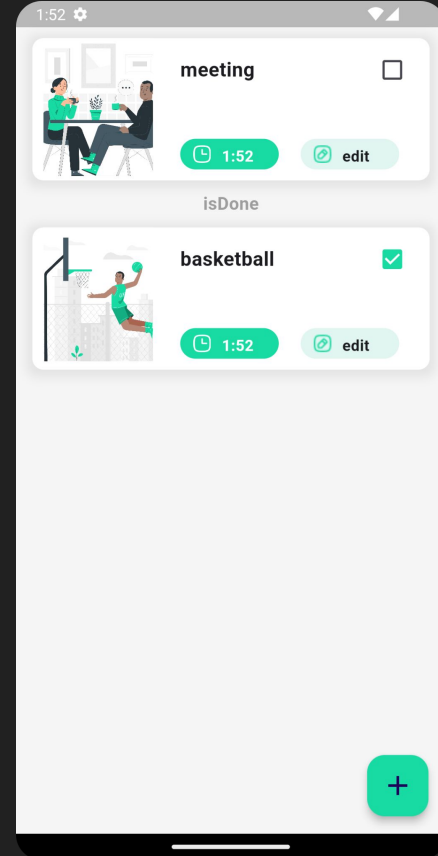
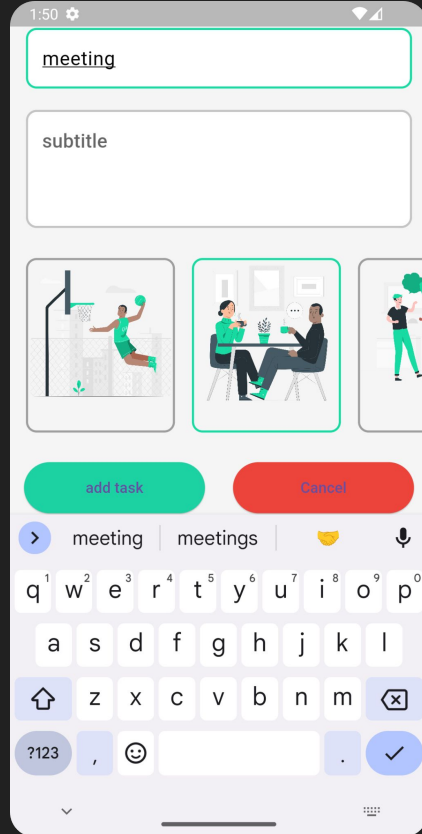
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Don you have an account? [Login](#)

Sign Up

Home Screen and Edit screen



Why use flutter?

Flutter allows you to build apps for mobile, web, desktop, and embedded devices — all from a single codebase.

When using Flutter, 90% of the code became multi-platform and only needed to be updated once.

- Maintain one codebase and deploy to multiple platforms, speeding up and simplifying workflows.
- Flutter gives you the power of hardware-accelerated graphics for performant apps on any platform.
- The Flutter rendering engine lets you control every pixel, and its widget library automatically adapts to any screen.



Why select Firebase for Authentication and Storage?

Firestore Authentication Integration:

- Leveraging Firebase Authentication simplifies the user registration and login process, providing a secure and reliable authentication mechanism without the need to build a custom solution.



Cloud Storage for Task Data:

- Utilizing Firebase for cloud storage allows users to access their to-do tasks from any device. This ensures a consistent experience across platforms and enhances user convenience.



Future scope

- Integrate a social media login (Gmail) with the existing login feature.
- Add deadline to the newly added tasks
- Also a reminder feature that provides a notification reminder about the deadline of the task half an hour prior to the deadline.

