

ChoreBuddy: Household Task Manager

Introduction:

Managing household chores in a shared living space can be challenging, often leading to conflicts or missed tasks.

ChoreBuddy is a mobile app designed to simplify household task management. It will allow users to create, assign, and track chores among housemates or family members. The app will send automated reminders, track task completion, gamify the experience through rewards, and ensure fairness by analyzing past contributions.

Features:

Some key features are:

- **Task Assignment:** Allow users to create, assign, and schedule chores with deadlines and set recurrence (e.g., weekly or daily).
- **Automated Reminders:** Send notifications to remind users of upcoming or overdue chores.
- **Fair Distribution:** Track individual contributions over time and suggest fair task distribution to avoid imbalances.
- **Accountability:** Provide a task history log to ensure transparency on who completed which chores.
- **Chore Sharing:** Enable users to swap or reassign chores among housemates based on mutual agreements.
- **Reward System:** Introduce a points-based system where users earn points for completing tasks, which can be redeemed for household privileges or shared rewards.

Tech Stack:

Flutter and Firebase (Firebase Authentication - sign in/register, Firebase Firestore - database, Firebase Cloud Functions - backend logic like triggering sending notifis, Firebase Cloud Messaging - sending reminder notifis)