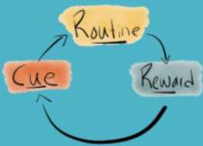# AI Powered To-Do List ☑

Team:
NewBattle!!!

The Problem?

There are a variety of To-Do list apps (e.g. Todoist, Microsoft ToDo) which aim to make keeping track of the things you need to do easy

Good habits are difficult to set AND stick with, so a lot of users use these apps periodically, only for them to fall to the wayside

How can we utilize emergent technology to allow for better keeping of tasks?

The Solution!

Having a human-esque , hyper intelligent assistant at your beck and call can be useful for a variety of reasons:

- The human element of self-improvement, where we work best in social communities e.g. school, university, work, the library, personal trainers etc.
- As social beings, by having "someone" who you can confide in about all your tasks and what needs doing
- Can also ask for advice on how best to tackle a task, and have the AI create a list for you to follow
- AI being safe, and helpful makes it a great fit for personal development and betterment

Benefits of Claude

Compared to other models, on a colloquial scale, has a bit more personality than competitors

Personable and safe, trained to always have your best interest at heart, so a great fit

100K context means that a lot of tasks and prompts can be saved, allowing for customised tasks

Technical Details

Due to being a beginner coder and solo team, focus was on proof of concept:

Utilised Flutter to create ToDo app, following various tutorials

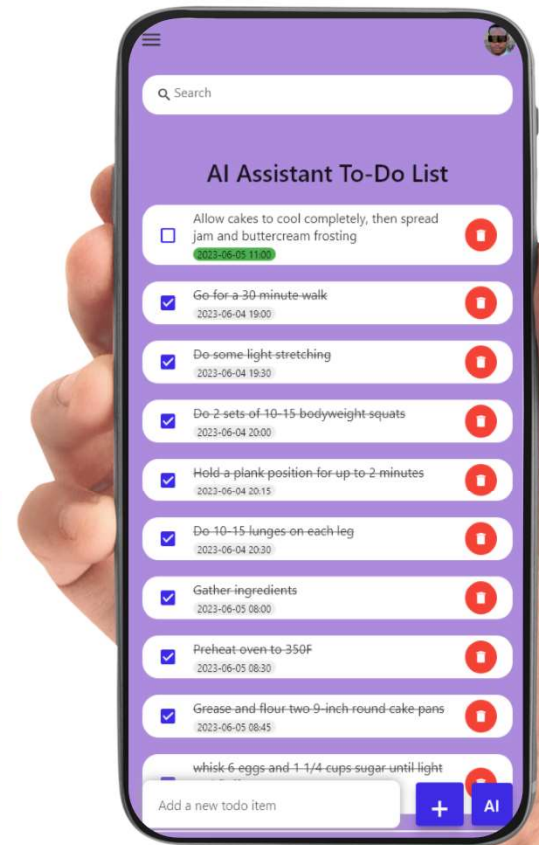As Flutter is multi-platform, can run on Windows, iOS, Android, Web etc.

Credits: https://www.youtube.com/@Net Ninja

Credits: https://www.youtube.com/@itzpradip

Credits: https://www.youtube.com/@createdbykoko

Demo

AI Assistant To-Do List

- ☐ Allow cakes to cool completely, then spread jam and buttercream frosting
  2023-06-05 11:00
- ☑ ~~Go for a 30 minute walk~~
  2023-06-04 19:00
- ☑ ~~Do some light stretching~~
  2023-06-04 19:30
- ☑ ~~Do 2 sets of 10-15 bodyweight squats~~
  2023-06-04 20:00
- ☑ ~~Hold a plank position for up to 2 minutes~~
  2023-06-04 20:15
- ☑ ~~Do 10-15 lunges on each leg~~
  2023-06-04 20:30
- ☑ ~~Gather ingredients~~
  2023-06-05 08:00

Add a new todo item [+] [AI]
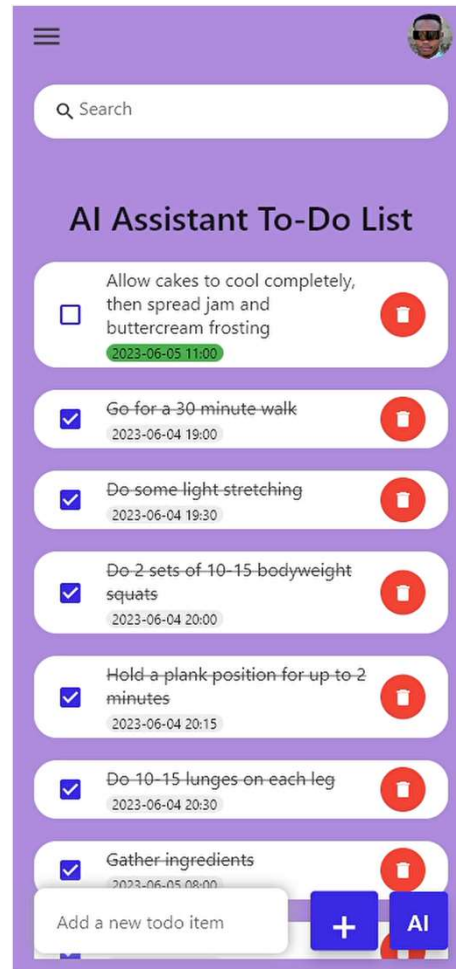
Business Model

Continuing development of the app and exploring the different ways AI can be used to help aid personal development.

Proof of concept is promising, so further exploration is warranted, continuing the project.

If developed enough, perhaps releasing onto mobile platforms first, and moving from there.

Technical and Feature future Scope:

- Backend API key entry
- Backend database for existing/previous tasks are future work, as well
- Prompting these previous tasks for informed/more relevant new tasks
- More in-depth conversations for even better task creation based on back and forth instead of single prompt
- Notifications and reminders that feel human, instead of getting notification blindness/deafness
- More personable characters – creating persona's Claude can roleplay as, to allow for human interactions and casual conversation when aiming to achieve goals or create more tasks

Thank You!

It's been a blast working on this as a complete beginner, being able to have the opportunity is amazing.

Thank you to Anthropic and Lablab!