

Ireo

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As a student, I've had many days where I have procrastinated to the point where I had to sit for 6-7 hours at a stretch to complete my assignment or to prepare for a test. I wanted to create an application that anybody can use to help them improve their efficiency and productivity.

I had heard of the Pomodoro technique and it is one of the most efficient methods to increase one's productivity while doing a task that needs undivided attention. It's a simple system of focussing for 25 minutes, then taking a 5 min break and repeating the same 4 times. After 4 such sets, we take a 15 minute break. The break time is spent in doing anything other than the task at hand. I also realised that many a times due to circumstances or happenings, we tend to forget about a pending assignment or an appointment. To tackle this, I wanted to implement a task storer, something that can show us a list of tasks that are left pending and are to be touched upon.

What does Ireo do?

Ireo is an application that helps one(especially students) list one's tasks and work effectively using the Pomodoro technique. It's designed using Flutter and Dart and helps one increase their productivity.

Future plans?

- I have added the functionality of sign up and login via email ID and password but the addition of more majorly used account ID's such as Google, Facebook, etc will help increase the app's outreach.
- Another concept is of an Alarm system where the alarm's snooze/turn off buttons are only clickable once the device has been moved by atleast 10 metres. This will help someone actually wake up due to the movement.
- An addition to the task list concept would be the introduction of notifications on the task's deadline. If an assignment was due soon, notifications would be sent 6hrs, 3 hrs and 1 hr prior to the deadline to serve as a reminder to either submit the work or start it.
- An addition to the Pomodoro concept is to give the user the choice to block some applications during this "focussed" time slot. If one is studying and apps like Instagram and Whatsapp are creating a distraction, blocking these apps for that specific time would help out a lot.

Challenges faced:

Building the app was not easy as it was my first experience with Flutter, but with the help of YouTube videos and StackOverFlow, I was able to counter all the errors in syntax, dependency version issues, Android emulator issues and so on.

Many a times, I couldn't test the code I had written due to errors while debugging the code. Sometimes, I didn't really know which widget to use and how, but a few videos from some YouTube channels made it pretty easy to understand.

References:

1. <https://www.youtube.com/c/HarsivoEdu>
2. <https://www.youtube.com/c/JohannesMilke>