

DevJam, WoC 2021

Idea Submission Document

Team Name: Kryptonites

Team Leader's Name: Kunal Katiyar

Team Members (including the team leader):

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Abstract of your idea:

Programmophone

Simply it is an IDE with voice recognition features.

It will be a tool to program with speech and is intended to be used by sightless, who have less or no viable options to program, such as touch-typing, which could be challenging to learn and needs more time to get hands-on with typing first and then programming. However, with speech recognition abilities, our project is expected to ease typing and instead focus on actual programming.

Currently, it will only support C/C++, and though meant for visionless, regular programmers will also be able to use it as a standard IDE or with voice mode to code faster which could fetch some extra score in the sport of competitive programming.

Tech stack used:

Tkinter, SpeechRecognition