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Chess Clock

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OVERVIEW

A chess clock is basically a clock with two stopwatches side-by-side that keeps the count of time while playing chess. If a player runs out of time, he loses by default. A normal chess clock is somewhere around 3,000 to 5,000 takas. If you want to get a decent one, you may have to count up to even 10,000 takas. Although, some of the expensive ones are very well-designed, most of them are ugly and pretty confusing to use, at least for the first time.

The motive behind this project is to make a chess clock that is easily affordable, can be used on any device, can be used to live-stream and casual games. It can be used with DGT boards too which enables it to be used in the professional matches.

NOTE: I think I have an Arduino Pro Mini lying around. I might use it to make a physical version of the clock but I guess that's a story for some other time. ¯_(ツ)_/¯

SPECIFICATIONS

1. 2 stopwatches: each holds the remaining time for each player.
2. Fischer: can add extra time per move as bonus. It is known as Fischer.
3. Analog support: some old-school players prefer analog clocks as it adds a vibe to the game.
4. Sound support: if the player wants, it can play tick sound to add to the vibe.
5. Modern UI: to use with advanced devices like smartphones and PC
6. Freeware: "Feel free to steal any of these ideas and claim them as your own" - Mark Rober