

ISLAMIC UNIVERSITY OF TECHNOLOGY



VISUAL PROGRAMMING LAB

CSE 4402

Pomodoro Application

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1 Tasks

Build a productivity timer based on the Pomodoro Technique, 25 minutes of focused work with 5 minute breaks in between. The core features are:

- After 4 consecutive work-break cycle, there will be a long break of 20 minutes
- Countdown timer with start/pause/reset
- Visual time indicator (progress ring or bar)
- Auto-switch between work and break intervals
- Sound and visual alert at the end of each session
- Users can edit the duration of the work and break intervals

Follow figure:1 or go to <https://pomofocus.io/> for reference.

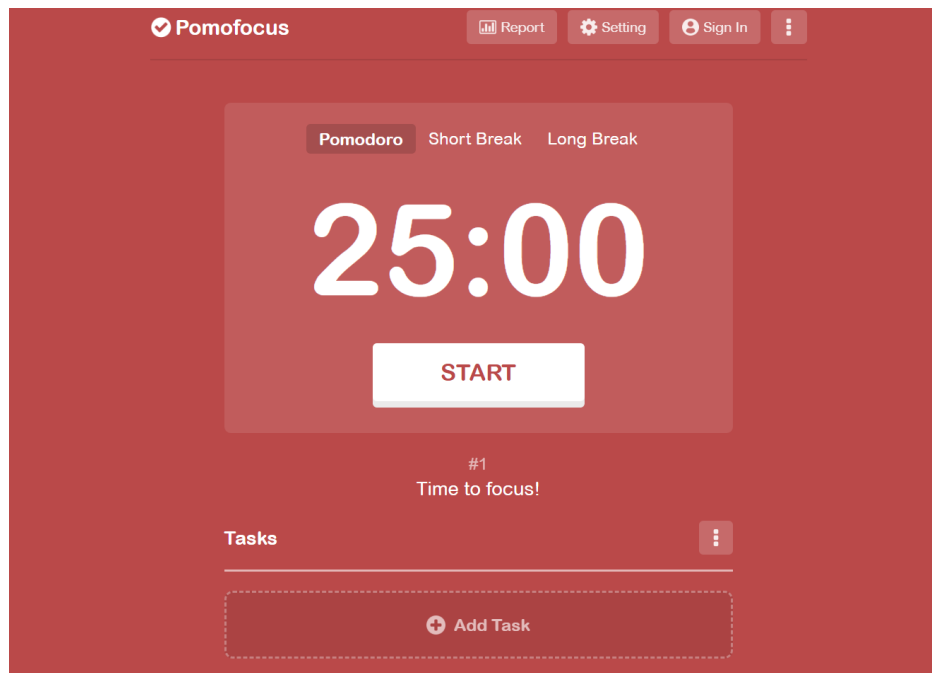


Figure 1: Example of the Pomodoro application.

Use JavaFX and SceneBuilder for creating this application. Bonus points will be added for good UI design with dark/light mode switching.