

VS Saturn requirements list
Software Engineering I

Shit we need to ask:

VS-Saturn 3:

Members:

Michael Gonzales

Dominic Gordon

Derek Lamoreaux

Alex Bochman

Luann Dias

Hardware Requirements:

1. A (working) computer
2. ~~Smooth brain or higher~~

Software Requirements:

1. This program can only work within VS Code, as such the runtime environment is and only will be, VS Code.
2. Task list
 - a. A task is something that the user inputs to allow them to keep track of the things they need to do.
 - b. They should be capable of being added, completed, removed, and modified.
3. Clock
 - a. Is a timer that counts down from a specified starting point.
 - b. Is capable of displaying and counting down either when the user is "at work" or "on break".
 - i. "At work" is defined as working on tasks, doing productive things.
 - ii. "On break" being defined as not working on tasks, resting.
 - c. It must be capable of keeping time.
 - d. It should be able to notify the user when it reaches the end.
 - e. Should be able to track how many breaks have been taken.
 - i. After each third short break is taken, it should set the next break timer to be a long break, which is default 30 minutes. Long break time and the amount of

breaks until a long break should be customizable by the user.

- ii. Any time before the third break ends, the next break timer should be set to 5 minutes. When the pomodoro timer resets from long break to short break should be customizable by the user.

4. GUI

- a. Task Menu

- i. Is capable of allowing the addition, resolution, removal or modification of any task.

- b. Clock

- i. Clock control buttons

- 1. Can manipulate the clock in such ways as, pausing, starting, skipping, and resetting it.

- c. Break completion visualization

- i. Should be capable of showing the user how many breaks have been taken and show how many are left before a long break.

- d. Intuitive layout