

Task List

Task.ts

I: Task

- Id (String)
- Title (String)
- Completed (Boolean)
- Created (Date)
- Color (String)

Implements

C: Hard Task

Color = "red"

C: Medium Task

Color = "yellow"

C: Easy Task

Color = "Green"

taskUI.ts

Task Created

Tasks updated*

*Event handlers like delete

TaskList [Task]

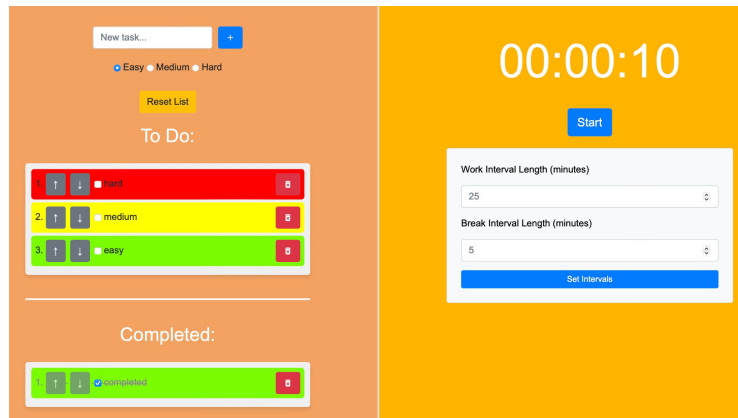
renderTasks()

taskStorage.ts

saveTasks()

loadTasks()

Pomodoro Timer



index.html

+

styles.css

index.js

transpiled

index.ts

Key:

I - Interface

C - Class

T - Type

Timer

TimeInterval.ts

T: TimeInterval

hours: number,
minutes: number,
seconds: number

formatTime()

Timer.ts

C: Timer

intervalID: number;
workTime: TimeInterval;
breakTime: TimeInterval;
workColor: string;
breakColor: string;
isWorkTime: boolean;
paused: boolean;
currentInterval: TimeInterval;
clock: HTMLSpanElement | null;
body: HTMLElement;
colorChangeCallback:
(newColor: string) => void;

start() stop() switchInterval()
reset() clockCountDown()

start()

Start interval

clockCountDown()

Clock tick

Time up

switchInterval()

Change between
work/break