**Requirements**

A website that allows you to add tasks to your to-do list and set a completion time, i.e. “Complete Hello World Program on Python [5 minutes] [5-minute timer countdown]”, a timer also sets with each task and makes a sound when the timer is finished. Even when tab is closed, as long as they are on the same device/browser the data they entered should keep it stored (USE LOCALSTORAGE).

**6 containers in total**

* + TOP-LEFT (SMALL) – Logo
  + TOP-RIGHT (SMALL) – Hearts which are different colours, switch website colour when heart is clicked.
  + TOP-MIDDLE (SMALL) – Bell icon, information icon, undo last move icon.
    - Bell icon to change countdown timer sound for when timer finishes.
  + BOTTOM-LEFT (BIG) – To-do list, has filter, add task, delete functions, and list of tasks with completion time.
    - User should be able to sort to do list by priority, i.e. low to high priority, high to low priority and alphabetically a-z and z-a. from a drop-down menu.
  + BOTTOM-MIDDLE (BIG) – Tasks in progress, task name with countdown timer, allows user to pause and start countdown. User can also delete task here.
    - When countdown finishes (reaches 0) rings alarm/makes sound chosen in list by user)
  + BOTTOM-RIGHT (BIG) – Completed tasks, shows a tick for the completed task, and a delete icon for user to delete.

**TO-DO LIST/COUNTDOWN**

There are three containers, one with to-do tasks, in progress tasks, and completed tasks. The user should be able to move tasks from one container to another by dragging it. For some buttons I will use icons- icons for: pause, start/play, bin (delete) and add a task icon.

1. User selects option to add a task, pop up box shows for following details:
   1. Task name
   2. Task priority (normal (no exclamation mark), medium (! (orange colour)), and high priority (!! (red colour)))
   3. Task completion time
      1. This will have a play and pause button beside it, a countdown for the time selected next to it.
   4. A delete button will be present too, for the user to delete the task.
   5. “ADD TASK” button on pop up box to add task to to-do list.
2. Added task will show up on to-do list container (with priority if added) and play icon to start task and bin icon to delete task.
3. When user clicks play icon from to-do container it moves task to progress container, a timer will show up for the completion time they had entered in the to-do. Timer automatically starts.
   1. When the timer finishes alarm goes off and a pop-up box shows up to inform user that “Timer for \*TASK NAME\* is over!” with an okay button to close pop up.
   2. When task timer finishes, task automatically goes to completed tasks container.
4. When completed task arrives to completed container, a tick icon will show before it. Bin icon will show at the end of the task, right of container for user to bin task (task removed from completed).