

I want this website to be very, very simplistic in design. The more simplistic the better. Simplicity helps us achieve the overall aesthetic of a time-based routine display website, as well as conform to accessibility guidelines. After all, this website has to be WCAG AA compliant.

The idea is a board that shows a user the things they are supposed to do at a given time. To accomplish this, we develop a notion of a task. This is something a user is supposed to do. What the user sees on the screen is a subset of their routine or a list of tasks. Depending on what time it is, their view changes.

So far, we have two concepts to represent with code:

1. Task
2. Routine

Here are my thoughts to represent each of them:

1. Task
 - a. Description
 - b. Time Range
 - i. Start Time
 - ii. End Time
2. Routine
 - a. Array of tasks

As the user is viewing the website, we keep a routine object stored in the front end for them. Initially, it's empty. But, if they upload a routine, we run a function that converts that JSON or text file (whatever we choose) into tasks, and pushes them onto the routine.

Honestly, this makes no practical sense, but whatever.

After typing out a routine on the website, a user can choose to download it in a text-based format for the next time they visit the website.

That would look something like this:

```
{
  "routine": [
    {
      "description": "brush teeth",
      "range": {
        "start": "0700",
        "end": "0800"
      }
    },
    {
      "description": "shower",
      "range": {
        "start": "0700",
```

```

        "end": "0800"
      }
    },
    {
      "description": "make breakfast",
      "range": {
        "start": "0700",
        "end": "0800"
      }
    },
    {
      "description": "check emails",
      "range": {
        "start": "0700",
        "end": "0800"
      }
    },
    {
      "description": "work out",
      "range": {
        "start": "0800",
        "end": "0900"
      }
    }
  ]
}

```

At the moment, I'm thinking the website should have these pages:

Landing Page

Routine Board View (landing page turns into routine board view (no navigation to new page))

That's it.

Since we have no accounts systems, the website has no caching and no way to remember users. As a result, we always take them to the landing page no matter what. We need the landing page to have all the information they need in order to get to the proper routine board view. Luckily, there are only two options we need to provide here.

1. Allow the user to start typing and create their first task

- a. If the text field is not empty (they start typing), hide the upload option
2. Allow the user to upload an exported routine
 - a. If the user does this, the page will update to show all the tasks on the routine that have the current time within their range.

At any point, the user can press backspace, and the website will remove whatever is in focus, or the last task in view.

I will be defining all the objectives we need to accomplish here

Structured content

Routine export button

Routine export function

Generative canvas art for background based on time of year, day, etc (p5.js)

Sounds?? Bird chirps, wind chimes, crickets, etc

Text that captures the ambiance of the page (like a big alt text for the page itself)

Text alt text generator function