

My side project. Pomodoro timer + Todo manager.

Dev env docker by:

[<https://github.com/vercel/next.js/tree/canary/examples/with-docker>]

Using Docker

1. [Install Docker](#) on your machine.
2. Build your container: `docker build -t nextjs-docker ..`
3. Run your container: `docker run -p 3000:3000 nextjs-docker.`

You can view your images created with `docker images`.

In existing projects

To add support for Docker to an existing project, just copy the `Dockerfile` into the root of the project and add the following to the `next.config.js` file:

```
// next.config.js
module.exports = {
  // ... rest of the configuration.
  output: "standalone",
};
```

<https://codesandbox.io/p/sandbox/pomodoro-app-czqyn?file=%2Fsrc%2FSass%2FGlobal.scss>

<https://codesandbox.io/p/sandbox/framer-motion-tabs-tjow1?file=%2Fsrc%2FTabs.js%3A14%2C22>

// flip timer animation source

<https://www.frontendmentor.io/solutions/launch-countdown-timer-with-flip-animation-SyrQqQjz9>

context not causing unintended rerender?

<https://www.youtube.com/watch?v=ZKlXqrcBx88&t=1179s>

// RAF timer logic

<https://codesandbox.io/s/requestanimationframe-pausable-timer-knsmy>

// framer motion animation Wrap-up (for blogging)

https://www.youtube.com/watch?v=kep_laxuzy0&t=339s

<https://www.youtube.com/watch?v=ILxNdOtKbNQ>

// and task list. (v1, just a list, v2 will be pushed later)

07/18: free language ai model for ai generated task list: Google gemini or else.

<https://ai.google.dev/gemini-api/docs>

Reset css

<https://www.joshwcomeau.com/css/custom-css-reset/>

Planned library usage:

1. React-rnd : todo-window
2. framer-motion : animation?
3. Styled-components : css-in-js maybe
4. React-virtuoso : maybe Alternatives: react-window react-virtualized or make it on my own

Testing

07/01: Timer functionality not can be tested with Jest(unless using faketimer or I mislead the docs.)

from nextjs docs: Good to know: Since async Server Components are new to the React ecosystem, Jest currently does not support them. While you can still run unit tests for synchronous Server and Client Components, we recommend using an E2E tests for async components.

I can start with testing-library with jest, and moving to Cypress.

Features

1. Clock
2. ToDo list