

Assignment 8

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Part 1

Purpose

The project is a landing page for Trodo- an app that tracks your to-dos. The app essentially tracks all your tasks, events and notes by allowing you to tag each of those to specific, personalizable goals. Trodo is a single page website which contains all the information necessary for a new user to be informed about the features of the app.

Information

The single page website explains all the features and benefits of Trodo in a structured method. The **hero** section gives users a brief overview of the app and what it does. The next section focuses on what the app makes the user feel. I believe that this is an essential part in product design. The next couple of sections shows users what they can do through the app and the three primary features of the app. The end of the webpage is a pricing section followed by a download section which has active links and QR codes of the app on the Apple App store and the Google Play store.

Engagement

The app is interesting because it showcases Trodo, its features and what you can do with the app in a single, easy-to-digest page. Users can engage by clicking on sections in the navbar automatically which scrolls to the respective sections on the page. The **download** CTA button in the hero section leads the user to the download section which has live links to the App store and the Play store to download the app. It also has QR codes which can be scanned by a mobile device which would lead the user to the respective app stores.

Target audience

College students would be the primary target audience of Trodo. College students encompasses undergrad, grad and PhD students.

Part 2

Interactions

- **Why trodo?, Features, Pricing**

Interaction: Upon hovering on theese button in the navbar, the background color changes. Upon clicking the hovered button, the page automatically scrolls to the respective sections on the webpage.

How to reproduce: Hover over the buttons on the navbar and click on it to automatically scroll to the respective section.

- **Download**

Interaction: Upon hovering on the download button in the navbar, the background color changes. Upon clicking the hovered button, the page automatically scrolls to the download section. Alternatively the user can also interact with the **Download Now** button in the hero section which would lead them to the download section.

How to reproduce: Hover over the download button in the navbar and click on it or click the **Download Now** button to automatically scroll to the download section.

- **QR Code**

Interaction: Users can scan the QR code in the download section on their phones. This would lead them to Trodo on the Apple App store or the Google Play store.

How to reproduce: Use the camera on an iOS device or Google Lens on an Android device to be led to the respective app stores.

- **App store buttons**

Interaction: Clicking on either the **Apple App Store** button or the **Google Play Store** button opens the respective app store pages in the same tab.

How to reproduce: Click on either the **Apple App Store** button or the **Google Play Store** button in the download section all the way at the bottom of the page.

Part 3

ReactJS(JS library/ framework)

- The main purpose of React is to be fast, scalable, and simple. React also allows us to create reusable UI components and has a large number of libraries which are supported by it
- I used React as a framework and to create reusable components to use in my code
- React adds modularity and the ability to make my website scalable. It also enabled me to use state for certain animations

react-intersection-observer(Library/ npm package)

- I used react-intersection-observer to create the fade-in effect for a few sections on my webpage
- I used it to create a new component which I wrapped around standard components to add the effect
- It makes sections fade-in when the user scrolls into the section and fade-out as the user scrolls past the section

typedJS(Library/ npm package)

- I used typedJS to create the typewriter effect for the title in the hero section of my page
- I used it to create a new component which I used in the hero section
- It adds the typewriter effect to the title in the hero section of my webpage. It shows the inspiration behind the name Trodo

Part 4

My webpage almost looks the same as my design for Homework 7. I made a couple of minor changes in design like- removing the background box from the QR codes in the download section and removing the Privacy and Terms and Conditions links from the footer.

Part 5

I found a couple of things challenging-

- Creating reusable components with props
- Deploying my code on GitHub pages (I hosted my app on Netlify instead)

[Link to my website](#)

Accessibility WAVE Tool

The following apply to the entire page:

Address: <https://todo.netlify.app>

Styles: OFF ON

Summary

Category	Count
Errors	0
Contrast Errors	2
Alerts	7
Features	9
Structural Elements	15
ARIA	1

Trodo

h1 Increase your productivity

REALLY boost your productivity. We're not kidding. Keep track of your to-dos and tag them to your goals.

Download Now

</> Code

The screenshot shows the WAVE tool's interface with a summary of findings for the Trodo app. It highlights 2 contrast errors, 7 alerts, and 9 features. The Trodo app itself is shown with its logo and a promotional message about increasing productivity through goal tracking. A download button is visible. The WAVE tool also includes a code editor icon labeled '</> Code'.

- Contrast Errors: The two errors are for the contrast of the Heading and Paragraph on the presentation image. I believe that the WAVE tool recognizes the background color as white instead of blue since it's an image.

h1 **Feel empowered with goal tracking**

Tag all your tasks, events and notes to specific goals and see exactly how much you've accomplished

Product Design
142 Total Points
29 New points this week

Reading List
15 Total Points
2 New points this week

A large circular progress meter is displayed, divided into three segments: teal, orange, and blue.

The screenshot shows the Trodo app's main interface. It features a large heading 'Feel empowered with goal tracking' with an 'h1' icon. Below it is a call-to-action 'Tag all your tasks, events and notes to specific goals and see exactly how much you've accomplished'. Two sections are shown: 'Product Design' with 142 total points and 29 new points this week, and 'Reading List' with 15 total points and 2 new points this week. To the right is a large, stylized circular progress meter divided into three segments of different colors (teal, orange, blue).

- Alerts: The alerts are all about the same alternative text for similar components. This isn't avoidable because the components are reused and therefore, the alt text is also repeated.