

Project Title: To-do app

Project Objective

Your challenge is to build out this to-do app and get it looking as close to the design as possible.

Customer Requirements

Your users should be able to:

- View the optimal layout for the app depending on their device's screen size
- See hover states for all interactive elements on the page
- Add new to-dos to the list
- Mark to-dos as complete
- Delete to-dos from the list
- Filter by all/active/complete to-dos
- Clear all completed to-dos
- Toggle light and dark mode
- Drag and drop to reorder items on the list
- Build this project as a full-stack application

Deliverables

- Web application source code (GitHub - implement Git flow with a reasonable number of commits including a well-written README file)
- Deployed link

Evaluation Criteria

- To which degree does the application really fulfil the customer needs?
- How did the candidate utilize git-flow processes (feature branches etc. pull requests)?
- How well did the design appeal to the user, colour combination, consistency, usability?
- How well did the candidate present his/her results?

About Figma

- [Figma](<https://www.figma.com/>) is an extremely popular design tool that has a generous free tier and can also be used on both Windows and Mac computers.
- To get started with Figma, [download the correct app for your operating system](<https://www.figma.com/downloads/>). You can then open the app and open the `.fig` design file by dragging it over the app and dropping it into the project's home screen.
- If you're going to use the Desktop App, you don't need to download the Font Installer from the downloads page. But if you're planning on using the Figma web app you should download and install it to ensure the fonts show up correctly.
- If you haven't used Figma before, here are a couple of great resources to get you up to speed:
- ["Everything Developers Need To Know About Figma" article on Smashing Magazine](<https://www.smashingmagazine.com/2020/09/figma-developers-guide/>)

- ["Introduction to Figma for Developers" video with Ryan Warner and Jason Lengstorf on Learn with Jason] (<https://www.learnwithjason.dev/introduction-to-figma-for-developers>)
- Please be sure not to share our design files with anyone else. We include `.gitignore` files in the starter code download to help prevent you from accidentally uploading it to GitHub. Another easy way to prevent this is to keep the design file separate from your codebase. **

Building your project

- Feel free to use any workflow that you feel comfortable with. Below is a suggested process, but do not feel like you need to follow these steps:
- Separate the `starter-code` from the rest of this project and rename it to something meaningful for you. Initialize the codebase as a public repository on [GitHub](<https://github.com/>). Creating a repo will make it easier to share your code with the community if you need help. If you're not sure how to do this, [have a read-through of this Try Git resource] (<https://try.github.io/>).
- There are already a couple of `.gitignore` files in this project. Please do not remove them or change the content of the files. If you create a brand new project, please use the `.gitignore` files provided in your new codebase. This is to avoid the accidental upload of the design files to GitHub.
- Configure your repository to publish your code to a web address. This will also be useful if you need some help during a challenge as you can share the URL for your project with your repo URL. There are a number of ways to do this, and we provide some recommendations below.
- Look through the designs to start planning out how you'll tackle the project. This step is crucial to help you think ahead for CSS classes to create reusable styles.
- Before adding any styles, structure your content with HTML. Writing your HTML first can help focus your attention on creating well-structured content.
- Write out the base styles for your project, including general content styles, such as `font-family` and `font-size`.
- Start adding styles to the top of the page and work down. Only move on to the next section once you're happy you've completed the area you're working on.

Deploying your project

- As mentioned above, there are many ways to host your project for free. Our recommended hosts are:
- [GitHub Pages] (<https://pages.github.com/>)
- [Vercel] (<https://vercel.com/>)
- [Netlify] (<https://www.netlify.com/>)
- You can host your site using one of these solutions or any of our other trusted providers. [Read more about our recommended and trusted hosts] (<https://medium.com/frontend-mentor/frontend-mentor-trusted-hosting-providers-bf000dfebe>).