

4.1.1 Introduction

In this module, you'll add a personal project to your portfolio. Personal projects allow you to demonstrate not only ability and skill but also creativity, passion, and personality.

ON THE JOB

A well-rounded portfolio that includes professional, academic, and personal projects showcases to future employers your talent, potential, and ability to finish projects.

For our personal project, we've chosen to build a task-tracker application called the Taskinator. This project will combine all our knowledge of HTML, CSS, and JavaScript front-end development. We'll manipulate webpage behavior and also become familiar with some of the browser Web APIs.

When we're done with this app, we'll be able to use it like the following animation demonstrates:

The screenshot shows the Taskinator web application. At the top, there's a header with the title "Taskinator" and a prompt "Click the button below to add a new task!". Below this is a form with an input field "Enter Task Name", a dropdown menu "Pick a task type", and an "Add Task" button. The main area is divided into three columns: "Tasks To Do", "Tasks In Progress", and "Tasks Completed". The "Tasks To Do" column contains two task cards: "Finish Taskinator" (Web) and "Create more apps" (Mobile). The "Tasks In Progress" column contains one task card: "Make more tasks" (Print). The "Tasks Completed" column is empty. Each task card has "Edit" and "Delete" buttons and a status dropdown menu. The footer shows "©2020 by Taskinator".

As the image shows, we'll have three different task lists: Tasks To Do, Tasks In Progress, and Tasks Completed. To create tasks, we'll use the input fields and an Add Task button in the header. The app will track the status of each task and move the tasks between statuses.

NERD NOTE

Used originally at Toyota to improve manufacturing efficiency, this type of to-do list is known as a **Kanban board**.

Sound intimidating? Don't worry—you already know a lot of what's involved to create the Taskinator, such as the following:

- HTML elements, attributes, and properties

- CSS class selectors
- JavaScript objects
- JavaScript functions
- Web Storage API
- The `window` object
- Git and GitHub

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