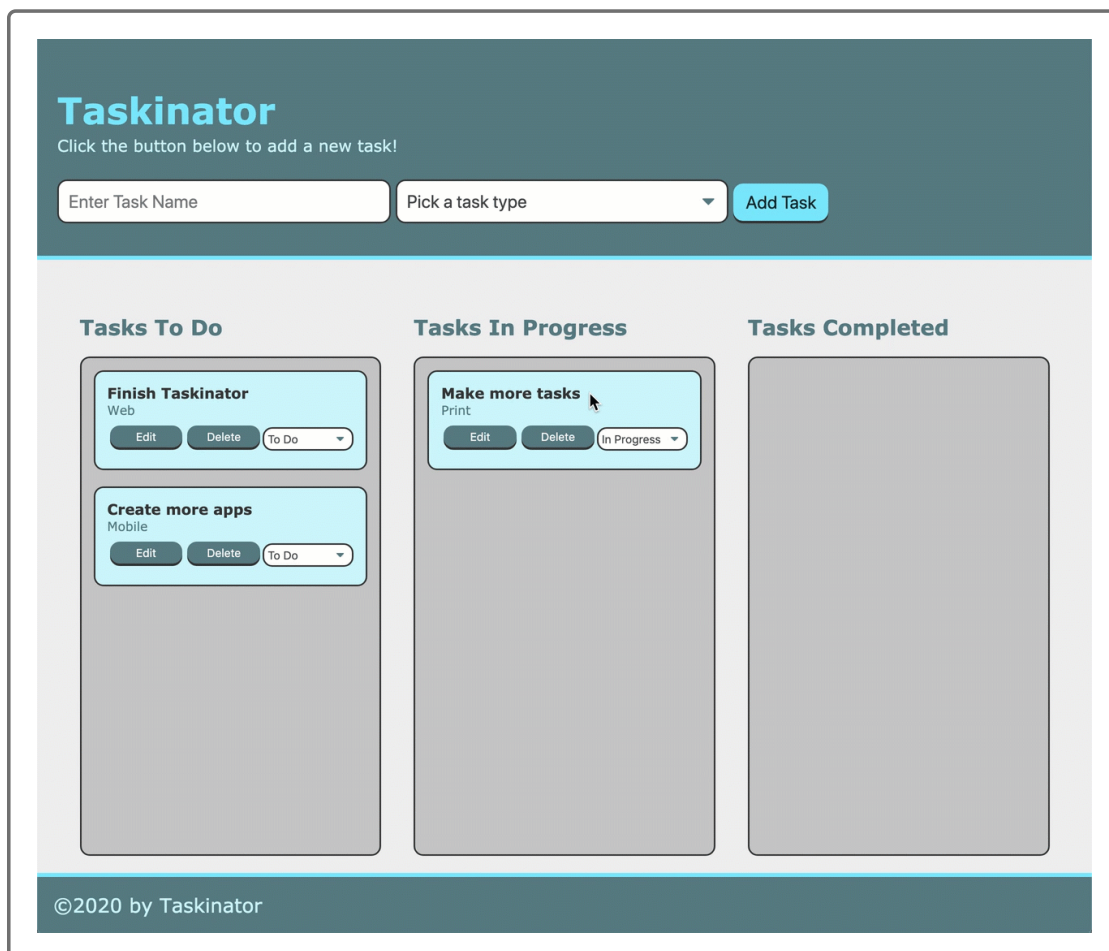


4.4.2 Preview

By the end of this lesson, the Taskinator app will work like this animation:



Here's how we'll approach this:

1. Create a new Git branch. We'll create a feature branch that corresponds to the GitHub issue we're addressing in this lesson.
2. Make the elements draggable. We'll use the HTML5 `draggable` attribute to allow elements to be dragged.
3. Capture the task item ID in the `dragstart` event. We'll use event delegation to start the drag-and-drop sequence of events.
4. Define the drop zone. We'll use the `dragover` event handler to define where the draggable element can be dropped.
5. Attach the task item in the `drop` event. We'll use the `drop` event handler to retrieve the `data-task-id`, which is our unique task item identifier, to select the dragged element from the DOM and append it to the drop zone.
6. Improve the UI with `dragleave` event. We'll improve the user experience by adding styling that indicates where the item can be dropped.
7. Save our progress with Git. We'll merge the `feature` branch into the `develop` branch and push our changes to GitHub.

As we work on this lesson, we'll leverage our knowledge of JavaScript control flow statements, objects, methods, and the browser. To these, we'll add the Drag and Drop API, manipulating the DOM, and event handling.

Let's get started!