

HTML Forms

Learning Objectives

- Understand what HTML forms are used for
- Understand how to construct an HTML form

Material

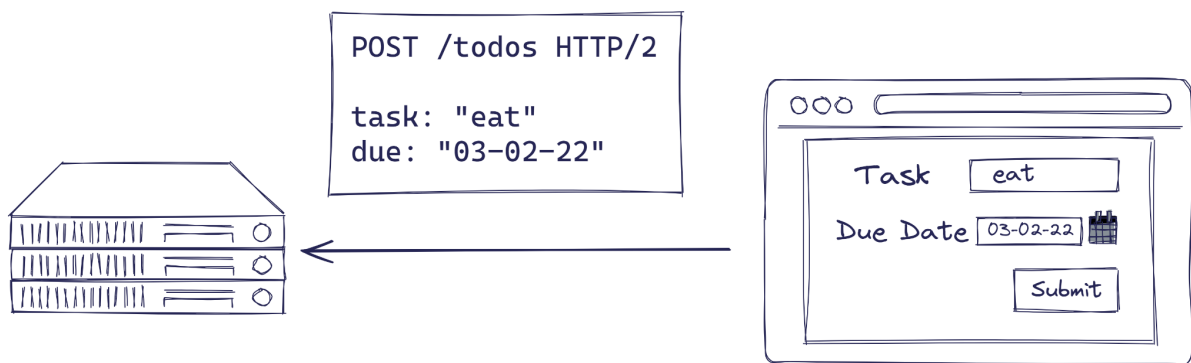
Forms

HTML forms are used to group related inputs together. When submitted, the form data is usually collected and sent to the server to be processed.

```
<form action="/todos" method="POST">
  <label for="task-input">Task</label>
  <input name="task" id="task-input" required>
  <label for="due-input">Due</label>
  <input name="due" id="submit" type="date">
  <button type="submit">Submit</button>
</form>
```

Task Due

- The HTML `<form>` element declares the form.
- The form action attribute determines the path (URI) to which the form is sent.
- The form method attribute determines the HTTP method used when sending the form.
- The `<label>` tags are used to indicate what an input is used for. These should be semantically linked to an input either by matching for and id tags (as above) or by nesting the `<input>` inside the `<label>`.
- The `<input>` tag adds a new input to the form.
- The input name attribute determines what the key will be when the form is submitted. If you don't include a name attribute, the input's value will not be submitted by default.
- The type attribute determines the type of input (e.g. text, radio, password, email etc.).
- The required attribute prevents the form from being submitted until the input has been filled.
- The `<button>` tag creates a button.
- The `type="submit"` indicates that, when the button is clicked, it should trigger form submission.



Core Assignments

Formative Assessment

Create pages for the following three forms

1. A form to create a new company on the website
2. A form to create a new location for a company
3. A form to create a new menu for a company

Each form will need to contain inputs which map to the columns in the database.

(This assignment requires the *Restaurant Handlebars* assignment to be completed)