

Lab Day!

Making some CRUD!

CRUD and YOU

**CRUD APPS (CREATE, READ,
UPDATE, AND DELETE)**

CRUD and YOU

The CRUD functions are the user interfaces to databases, as they permit users to:

- create
- read/view
- update/modify
- delete

CRUD works on entities in databases and manipulates these entities.

CRUD and YOU

CREATE

What do we need to create a need-to-do item? When the item is created how do we then add it to the list of to-do items?

READ

What do we need to read/view the to-do list?

UPDATE

What do we need to update items already in the to-do list?

- Check them to be finished (style it up)

- Update their name/task

DELETE

What do we need to delete items in our to-do list?

If we want to clear all the completed items in list how would we do so?

If we want to clear all items in the list how would we do so?

CRUD and YOU

In our case we're going to use this methodology to create our to-do list with just HTML, CSS, and JS.

We'll use HTML to hold our data while this won't be persistent it will show the correct functionality. Let's walk through each of these and think about how they apply to our lab.

Lab Part 1

BRAINSTORMING

What features do you want in your to-do app?

This is an open-ended exercise but keep in mind the that you are building a CRUD app.

Lab Part 2

BUILDING

You will create a simple index page with these elements we talk about in it. Then translate pseudocode from our discussion into real code.

ADDITIONAL READING FOR FUN!

When building new feature to an app what questions should you think of?

This article has a great example of that thought process. <https://css-tricks.com/features-complicated/LocalStorage> <https://css-tricks.com/video-screencasts/96-localstorage-for-forms/>