



# **FEWD - Forms & Inputs**

**Thomas Broomfield**


Technical Lead - PwC Ventures.

# Agenda

- Forms and user input.
- Form labs.

# Forms

How we can get data from users?

 GENERAL ASSEMBLY

Sign In

FRONT-END WEB DEVELOPMENT

**APPLY NOW**

Your Full Name

Your Email

Your Phone Number

Fill out some basic information and complete the following application to be considered for the course.

Where are you thinking of taking this course?

New York City

CONTINUE TO APPLICATION

# Forms

- Wrapper for data collection elements
  - Text fields
  - Dropdowns
  - Radio Buttons
  - etc.

# Forms

Tells the page:

- Where to send the data.
- How to send it.
- What is being sent.

# Form Tag

**<FORM> </FORM>**

## Available Attributes

- Method - POST, GET, PUT, DELETE
- Action
- Url to send data to
- Enctype - 'Multipart/form-data' if uploading files

## In Action

```
<form action="register" method="post" enctype="multipart/form-data">
  <!--Data collection elements go here-->
</form>
```

# Inputs


- Place between `<form>` `</form>` tags
- Attributes
  - Type:
    - Text
    - Submit
    - Password
    - Email
    - Checkbox - Radio
    - Button
    - File
  - Name
    - Used server side
  - Placeholder
  - Value



# Text

Use value to set initial text

**<INPUT TYPE = "TEXT">**

 **GENERAL ASSEMBLY**

Sign in

FRONT-END WEB DEVELOPMENT

**APPLY NOW**

Where are you thinking of taking this course?

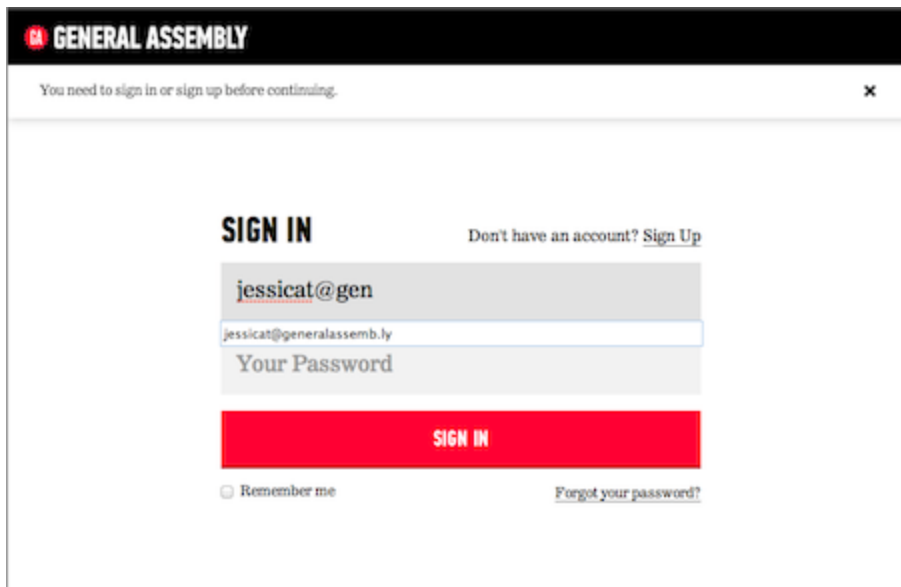
**CONTINUE TO APPLICATION**

Fill out some basic information and complete the following application to be considered for the course.

# Email

Allows browser to autofill field

**<INPUT TYPE = "EMAIL">**



The screenshot shows a web interface for 'GENERAL ASSEMBLY'. At the top, a black header contains the logo and name. Below it, a message states 'You need to sign in or sign up before continuing.' with a close button. The main content area features a 'SIGN IN' section. It includes a link for users without an account to 'Sign Up'. There are three input fields: the first contains 'jessicat@gen', the second contains 'jessicat@generalassemb.ly' and has a blue autofill highlight, and the third is labeled 'Your Password'. A red 'SIGN IN' button is positioned below the password field. At the bottom, there is a 'Remember me' checkbox and a 'Forgot your password?' link.

**GENERAL ASSEMBLY**

You need to sign in or sign up before continuing. ✕

**SIGN IN** Don't have an account? [Sign Up](#)

jessicat@gen

jessicat@generalassemb.ly

Your Password

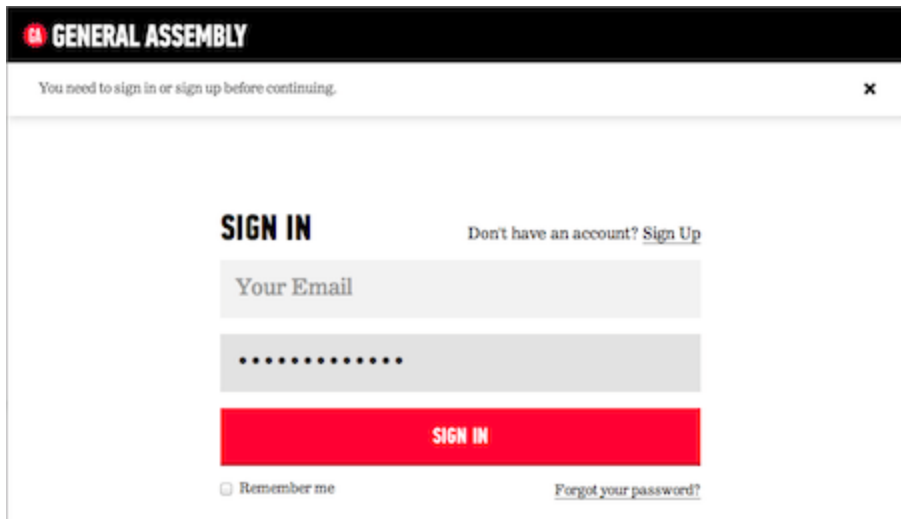
**SIGN IN**

☐ Remember me [Forgot your password?](#)

# Password

Hides characters as typed

**<INPUT TYPE = "PASSWORD">**



The screenshot shows a login interface for 'GENERAL ASSEMBLY'. At the top, a black header contains the logo and name. Below it, a light gray message bar states 'You need to sign in or sign up before continuing.' with a close button. The main content area features a 'SIGN IN' heading, a link for users without an account, an email input field, a password input field with masked characters, a red 'SIGN IN' button, a 'Remember me' checkbox, and a link for forgotten passwords.

**GENERAL ASSEMBLY**

You need to sign in or sign up before continuing. ✕

**SIGN IN** Don't have an account? [Sign Up](#)

Your Email

.....

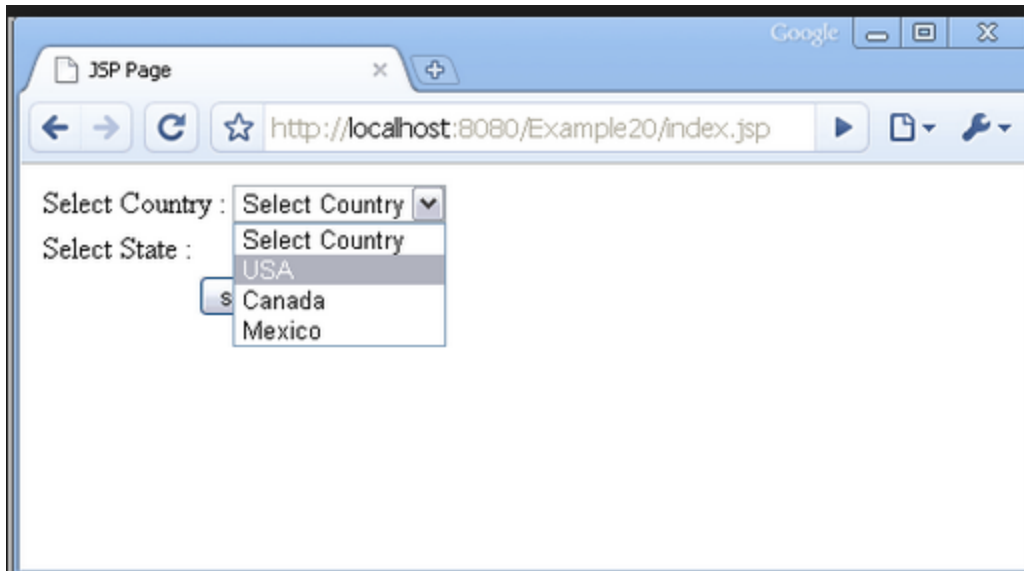
**SIGN IN**

☐ Remember me [Forgot your password?](#)

## Submit vs File vs Button

- Value is button text. Defaults to submit in chrome, submit query in IE `<input type="submit" value="Submit">`
- Creates a file upload element `<input type="file">`
- Creates clickable button `<input type="button">`

# Select and Option



# Select and Option

```
<SELECT>  
  <OPTION VALUE =“FIRSTOPTION”> </OPTION>  
  <OPTION VALUE =“ANOTHEROPTION”> </OPTION>  
</SELECT>
```

# Labels

Information about the input field should be put in a `<label>` tag

```
<label>Name <input type="text" name="yourName"></label>
```

Note:

Clicking the label text in either case places the focus in the input field (great for radio buttons)

# Styling

- Can't be styled directly
  - Checkboxes, File upload inputs, Radio buttons
- So how do we style them?

Hide the element, style a corresponding label or div how you wanted the element to appear.





## Relaxr Registration Form

## Optional: Fieldset/Legend

`<fieldset>`

Wrapper for grouped form elements

Ex: First, middle, last name text fields

`<legend>`

Goes inside fieldset

Defines the grouping term for the fieldset

`<fieldset>`

`<legend>Your Name</legend>`

`<input type="text" name="first_name">`

`<input type="text" name="middle_name">`

`<input type="text" name="last_name">`

`</fieldset>`

**Code-along: All the inputs.**

## **Lab: Posting form data.**

