

01

Creating Directory Records for the USAGov Beta Site

2022

CODING IT FORWARD x USAGOV

02

Agenda

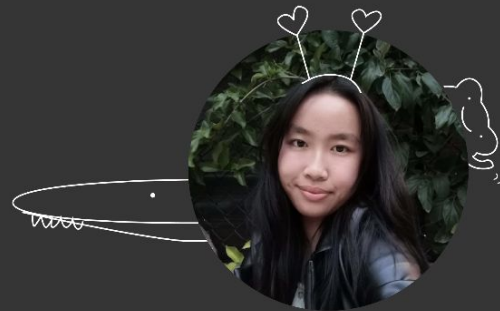
- / Intro
- / Background
- / Objective
- / Accomplishments
- / Implementation
- / Looking Ahead
- / Thank You

By Sebastian Cabrejos & Kelly Yan

03



Sebastian Cabrejos



Kelly Yan

1:30 PM | Introductions



04



USAGov



TTS

Background

coding it forward >

CIF

Objective

Directory Records Project

Build accessible, scalable, and user-friendly ***federal and state directory pages***, referencing the finalized high-fidelity wireframe designs*

Left nav and
breadcrumbs are FPO

Example with
"Find an Office Near
You"

Example without
"Find an Office Near
You"

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California

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Gavin Newsom
[Contact the Governor](#)
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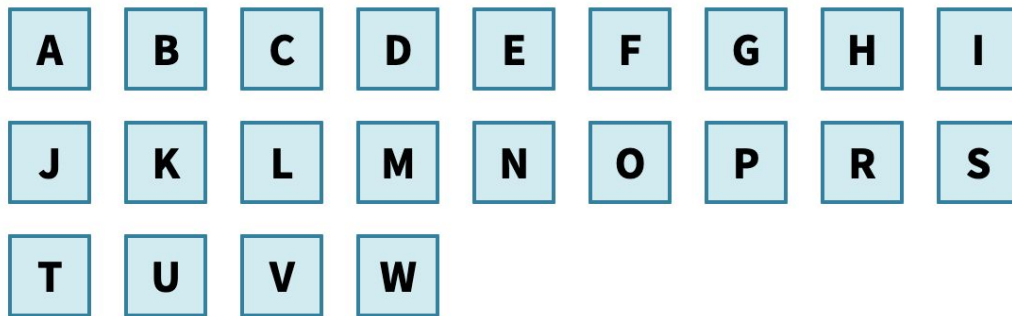
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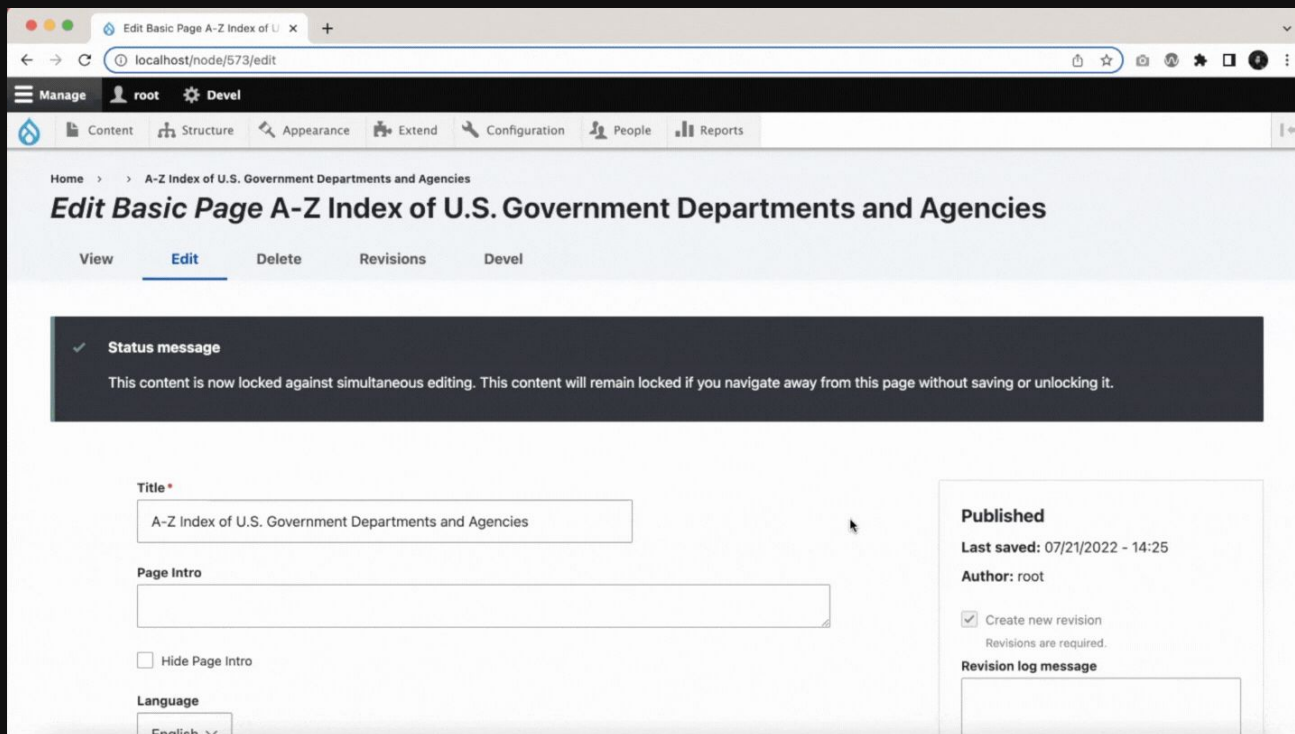
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13



Converted design into basic HTML and SCSS. Inserted code directly into Drupal CMS.

14

The screenshot shows a VS Code editor window with the following components:

- Explorer Panel:** Displays the project structure for 'USAGOV-2021'. The 'templates' folder is expanded, showing various Twig files. The file 'node--directory-record--full.html.twig' is selected.
- Editor Panel:** Shows the content of 'node--directory-record--full.html.twig'. The code is a Twig template for a directory record page, featuring a table with fields for website, contact link, phone number, and toll-free number.
- Code Content:**

```

1  {{content.field_page_intro}}
2  {{content.body}}
3
4  <table class="usagov-directory-table">
5      <tr>
6          <td>
7              <h3>Website</h3>
8              {{ content.field_website }}
9          </td>
10     </tr>
11
12     <tr>
13         <td>
14             <h3>Contact</h3>
15             {{ content.field_contact_link }}
16         </td>
17     </tr>
18
19     {% if content.field_phone_number|render %}
20     <tr>
21         <td>
22             <h3>Phone Number</h3>
23             <p>{{content.field_phone_number}}</p>
24         </td>
25     </tr>
26     {% endif %}
27
28     {% if content.field_toll_free_number|render %}
29     <tr>
30         <td>
31             <h3>Toll-Free Number</h3>
32             <p>{{content.field_toll_free_number}}</p>

```
- Status Bar:** Shows 'Ln 1, Col 1', 'Spaces: 2', 'UTF-8', 'LF', 'Plain Text', and a search icon.

Worked with Drupal expert, Amy, to implement design using Twig (pHp template).

15

Records - USAGov High-Level Checklist

File Edit View Insert Format Data Tools Extensions Help Accessibility Last edit was made 7 days ago by David Stenger - OGBD

100% Verdana 10

	A	B	C	D	E	F	G
	Design Element	Accessibility Requirements	How to Test	Test Results	Notes		Tools
1		Do images that convey contextual content have equivalent alternative text specified in the alt attribute of the img element?	Chrome: WAVE 1. Select the WAVE button 2. Identify icons used to identify the alt text 3. Use the image icons to verify that every image element has an alt attribute.	PASS			Color Contrast Analyzer Tool
2	Images	Do images that are purely decorative, and not contextual, have empty, or null, alternative text specified, e.g. alt=""?	4. Noninformational images should have null or empty values.	PASS			WAVE
3		Verify content is available with images disabled	5. Ensure that CSS background images are not used for images designed to convey content or function.				
4		If a page uses image-based CAPTCHA, has alt text been added to state what alternatives exist for non-sighted users. For example alt text of "Type the letters in the image or select the audio verification link."		N/A			
5		Is important information placed towards the top of the page? (e.g., Do not place instructions for a form at the bottom of the page since screen reader users encounter information from left to right, top to bottom. This includes text such as "** Indicates a required field") as well as any hidden text that is displayed with CSS disabled.	Visual check Chrome: WAVE 1. Select the WAVE button 2. Select No Styles Option 3. Verify if the text with important information placed towards the top of the page	FAIL	Add instructions		
6		Is any heading text semantically marked up with the appropriate HTML heading element (<h1> through <h6>) and not just visually formatted to look like a heading? The headings must represent an accurate outline of the content. Headings within the main content area should start with an <h1> level heading and should not skip heading levels.	Chrome: WAVE 1. Select the WAVE button 2. Select Outline option to check the heading structure				
7		Note that all pages MUST have a heading 1 <h1>, although it may be					

HighLevelTesting

Explore

Performed high-level accessibility testing using official USAGov checklist and WAVE tool.

1

Bring USAGov Beta public

3

Determine impact of the
Directories

2

Adjust design according to user
feedback

A warm thank you to

GSA - TTS - USAGOV

Russell O'Neill
David Stenger
Amy Farrell

Christopher Wachtman
Kyle Jester
Sinja Grenchik

Joanne McGovern
Nicole Brennan
Dan Narkiewicz

Olawale Adekoya

CODING IT FORWARD

Rachel Dodell
Ariana Soto



Special thanks to Amy Farrell for configuring this project in Drupal.