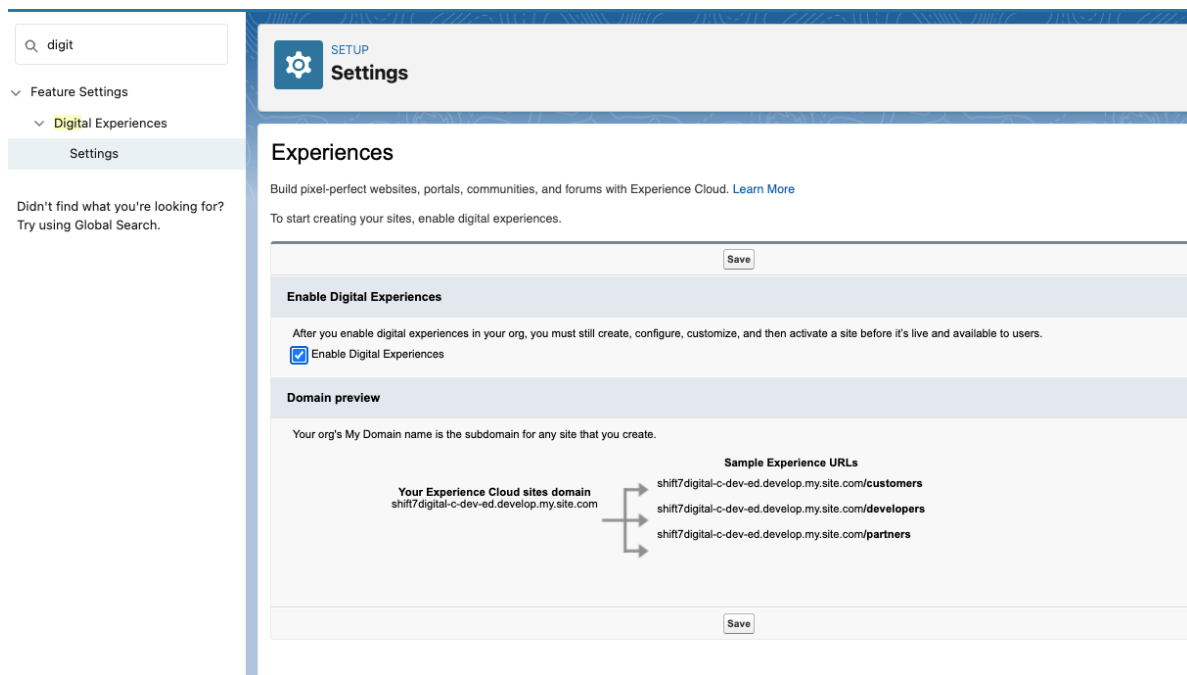


Coding Exercise

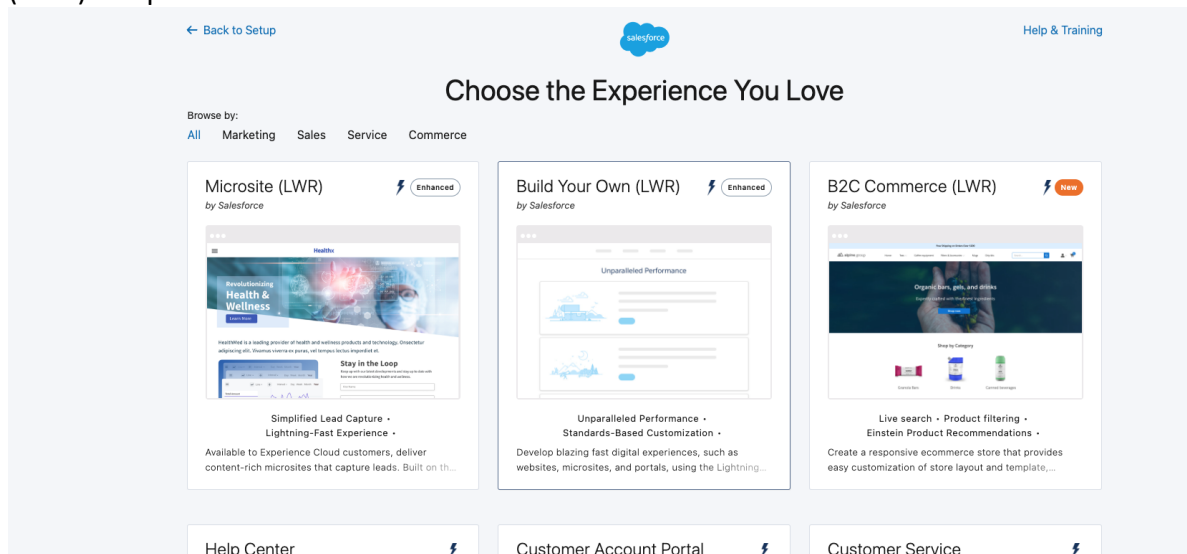
Salesforce Developer

Org Setup

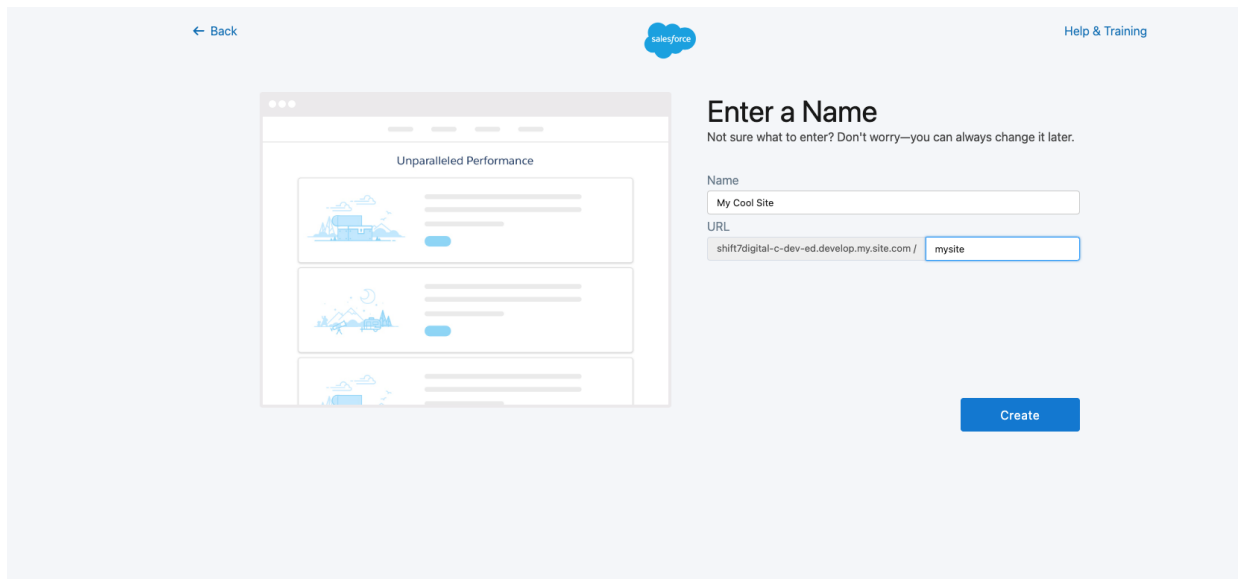
1. Create a dev org <https://developer.salesforce.com/signup>
2. Create a user for Shift7_Technical_Review@shift7digital.com
3. Enable digital experiences within the org to setup a new community.



3. Once digital experiences have been enabled, click new and select the Build Your Own (LWR) template.

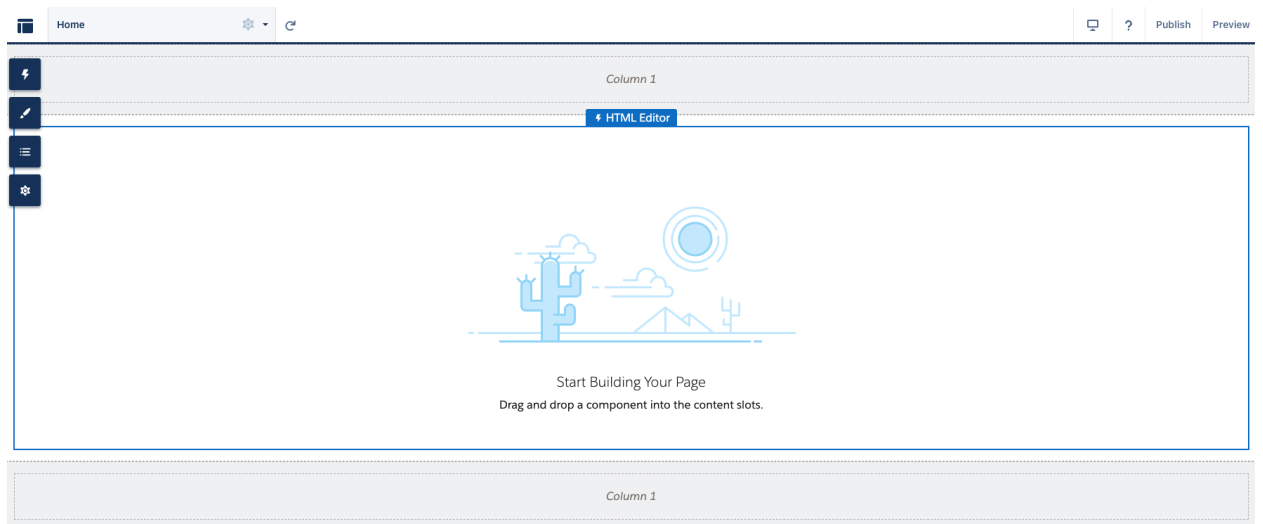


4. Give your site a name and create it.



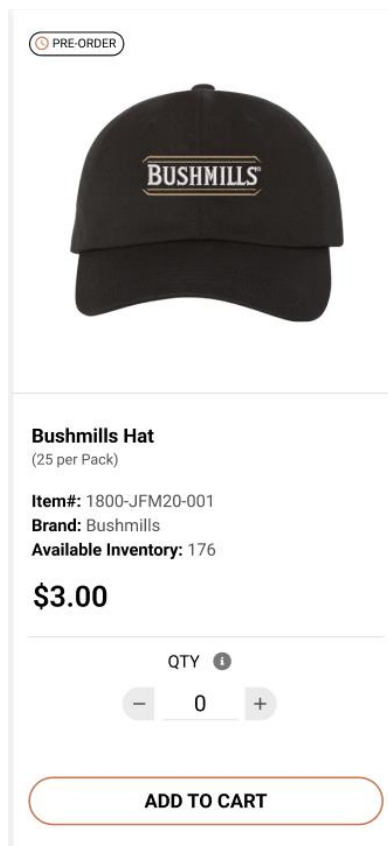
The screenshot shows the Salesforce 'Enter a Name' page. At the top left is a 'Back' link, and at the top right is a 'Help & Training' link. The Salesforce logo is centered at the top. On the left, there is a preview of a site layout titled 'Unparalleled Performance' with three content blocks. On the right, the 'Enter a Name' section includes a sub-header 'Not sure what to enter? Don't worry—you can always change it later.' Below this are two input fields: 'Name' with the value 'My Cool Site' and 'URL' with the value 'shift7digital-c-dev-ed.develop.my.site.com / mysite'. A blue 'Create' button is located at the bottom right.

5. Once your site is created click on the Builder tile. This will be where you will be able to create and publish your site.
6. It should look like this to start.



Component Creation Task

Your task is to create a custom Lightning Web Component (LWC) that will display a product card with information about the product. A mockup of what your card should look like can be found below. You can reference the Figma design file provided in the LWC Front-End specification at the bottom of this document.



Your component should be able to do the following:

1. Connect to an Apex controller to return the product data from the Product2 record you created. This should be a combination of existing fields and custom fields.
2. The Apex controller should return a price for the product that is stored in a PricebookEntry record within a price book.
3. Only show the Pre-Order badge if a flag on the Product2 record is set to true.
4. The Qty input field should be functional to increase or decrease by clicking the plus or minus buttons.
5. The Add to Cart button should just throw a toast notification saying that the product (by name) was successfully added to the cart.

LWC Front-End

Design is provided here:

<https://www.figma.com/file/zgCE6sBh5OQVvQTsonJZPt/Shift7-Developer-Candidate-Exercise--PLP-Card?node-id=0%3A1&t=hGKpy0qP1HpSBIWg-0>

Font is provided here:

<https://fonts.google.com/specimen/Roboto>

Important Notes:

- Reference the design guide
- Pixel perfection is not required but keep design integrity.
- Tooltip information can be “lorem ipsum” and can use SLDS default.

Final Notes:

The things we will be looking at most closely are code organization, functional implementation, and overall technical approach. Once completed with this exercise you should expect to discuss approach, architectural decisions, and general ideas around the exercise.

Please ensure you are including your test classes for review as well.