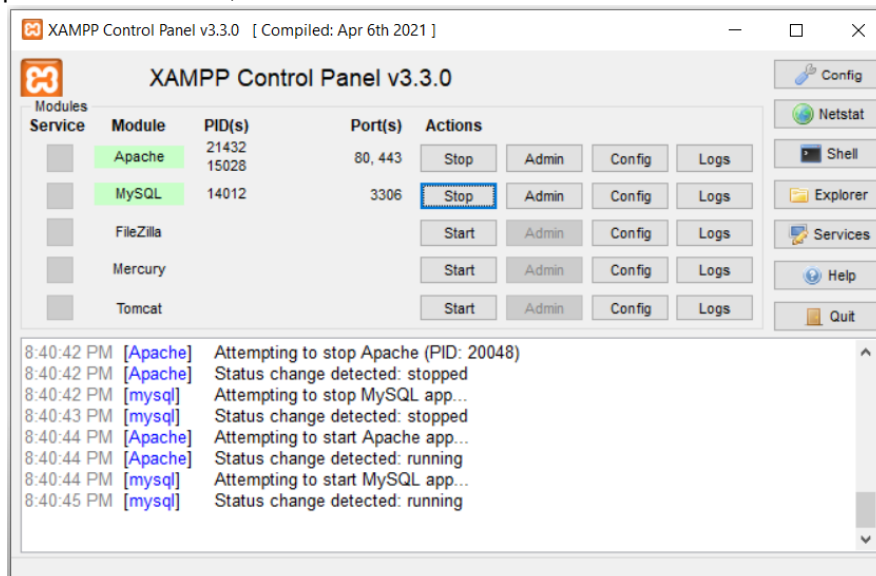# Nestlé Back-End task

Candidate: Bertha Isasi

Steps taken:

1. Since I have never used Drupal before, I took the time to study the tool: Udemy short courses, YouTube tutorials and Drupal documentation.
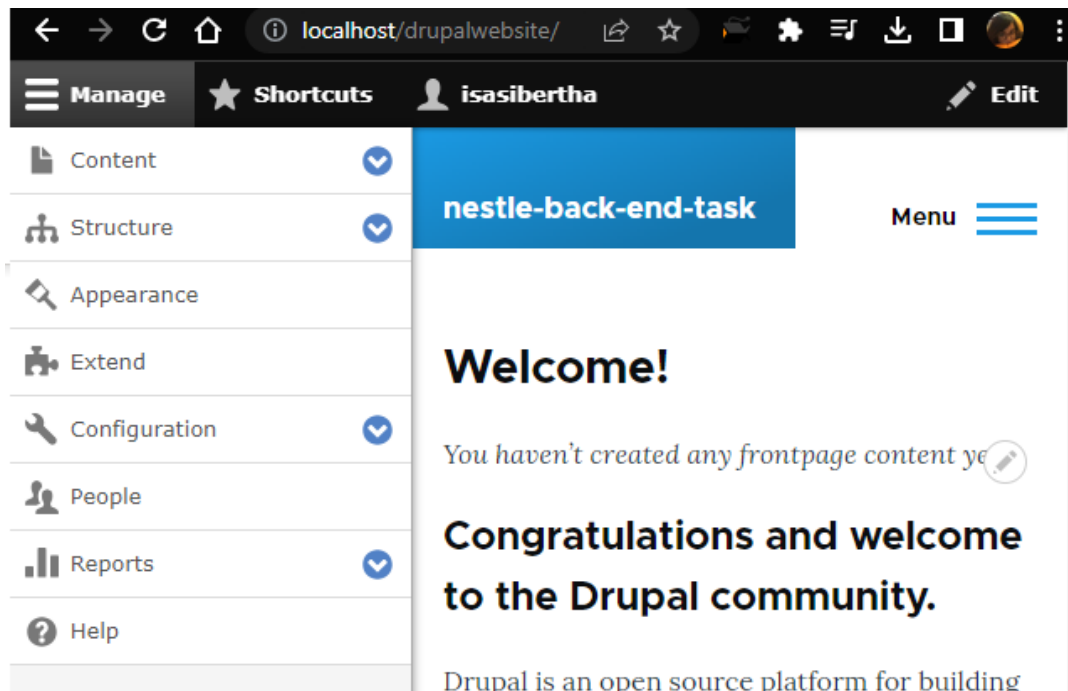2. Installed PHP in my computer since I have not been using it.

```
C:\Users\bertha.isasi>php -v
PHP 8.2.8 (cli) (built: Jul  4 2023 15:53:30) (NTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.2.8, Copyright (c) Zend Technologies
```

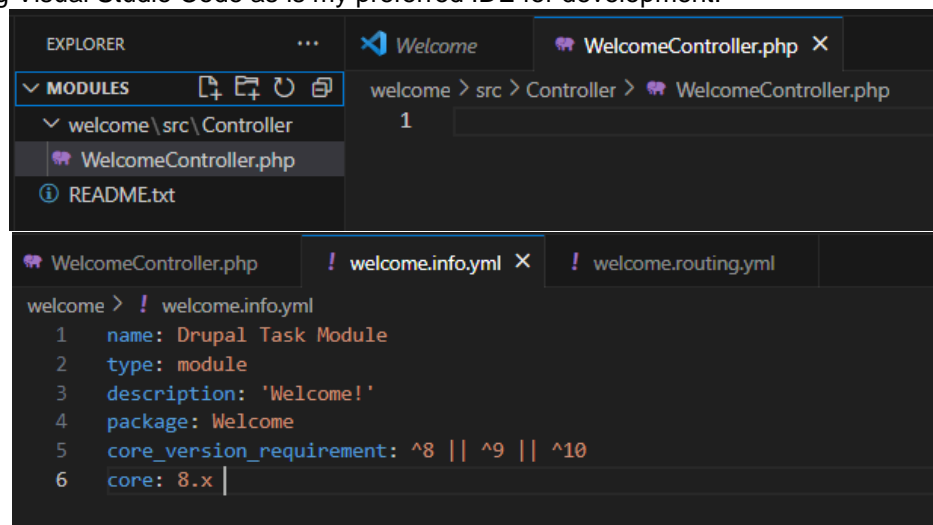3. To test Drupal for the first time, I chose to use XAMPP.

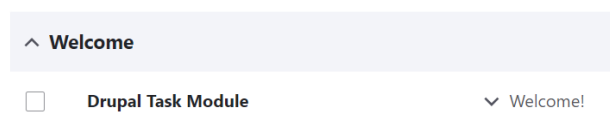(Realized that with this step I could skip the previous one)

4. Installed Drupal 10 by downloading the .zip file and extracting it into the htdocs in the xampp folder.
5. Followed the Drupal installations process.
6. Fixed minor problems on the php.init file.
7. Created a demo database on phpMyAdmin (I have experience using this DB administrator on previous academic projects, as well as XAMPP)
8. Started a Drupal web page for the first time!

9. Following another tutorial, created a practice module called "Welcome" under the module folder. I am using Visual Studio Code as is my preferred IDE for development.

10. Visualizing the module in the Drupal Extend page:

Okay, that's fine for a first-time using Drupal, now on to the task handled:

Task: Create module that will be competitive with Drupal 8/9.
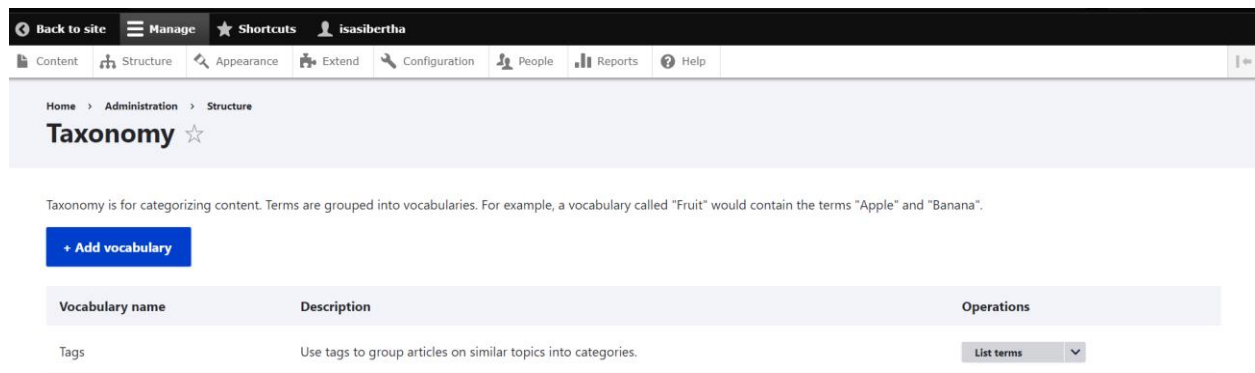
Module name: Glossary Tooltip

Short description: The words correspondent / identical to the items included in the glossary vocabulary are highlighted.

Behavior: Create a functionality that will allow admin to add words in the glossary with the description. After the term is added and published, the content of the page will be checked and if the word exists in the page, it will add description to it. You can check behavior on the designs.

1. Create vocabulary for glossary terms.
2. Terms must have Title and Description (textfield, long)
3. Create functionality to scan the text inside the content type.
4. Create functionality to add description when the title word of the term exists in the page content.
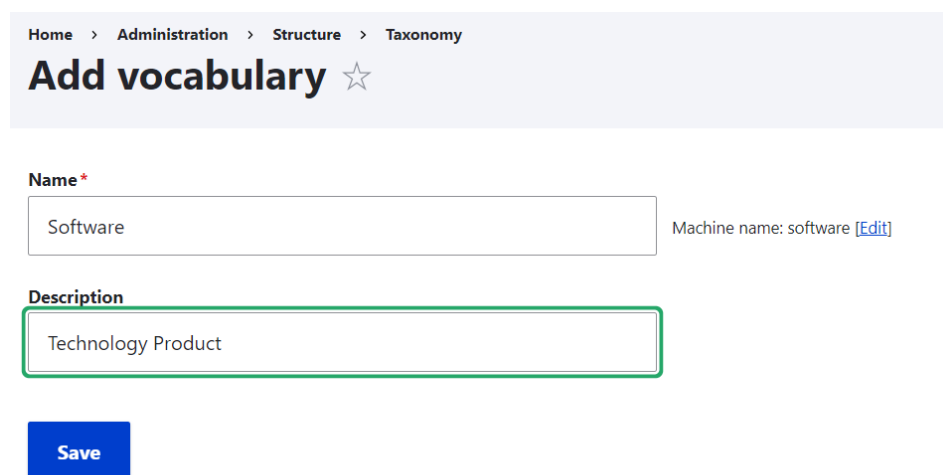
Optional
5. Create install function that will create the vocabulary on module install.
6. Limit the description on the page up to 100 chars, if the description is longer add "Read more" button that will lead user to the term page itself.

Created vocabulary:

Added terms with title and description:

Terms created:

Check form display and disabled unrequired fields:

Manage form display ☆

List　　Edit　　Manage fields　　**Manage form display**　　Manage display　　Manage permissions

⊙ Show row weights

Field	Widget	
✛ Name	Textfield ⌄	Textfield size: 60　　⚙
✛ Description	Text area (multiple rows) ⌄	Number of rows: 5　　⚙
Disabled		
✛ Published	Single on/off checkbox ⌄	
✛ URL alias	URL alias ⌄	

Limit Description display format to Trimmed to 100 characters:

⊙ Show row weights

Field	Label	Format	
✛ Description	Inline ⌄	Trimmed ⌄	Trimmed limit: 100 characters　　⚙

Administrating structure for the admin to choose between terms:

🔙 **Back to site**　　☰ **Manage**　　★ **Shortcuts**　　👤 **isasibertha**

📄 Content　　🔧 Structure　　🪄 Appearance　　🧩 Extend　　🔧 Configuration　　👥 People　　📊 Reports　　❓ Help

Home › Administration › Structure › Content types › Basic page › Manage fields

Add field ☆

Add a new field

Taxonomy term ⌄

Label *

Software　　　Machine name: field_software [Edit]

Save and continue

Managing form display for the admin to be able to select from the vocabulary:

Managing display:

Creating function on install module (Following previous module creation steps + Drupal's developer solutions[1]):

[1] https://www.drupal.org/forum/support/module-development-and-code-questions/2010-01-04/how-to-automatically-create