1. Understanding MSM, Blueprint, Live Copy, and Rollout

Objective:

Understand Multi-Site Management (MSM) and its key components.

Explanation:

- **MSM (Multi-Site Manager):** Enables content reuse across multiple sites.
- **Blueprint:** The master version of a site that controls updates.
- **Live Copy:** A linked copy of the Blueprint that can inherit updates.
- **Rollout:** A process to push changes from the Blueprint to Live Copies.

2. What is a Language Copy?

Objective:

Understand how Language Copies work in AEM.

Explanation:

- **Language Copy:** A separate localized version of a page that is not linked to a Blueprint.
- Created using AEM's Translation tools.
- Allows independent language-specific content updates.

3. Create a Site Using MSM (us/en as the Source)

Objective:

Set up a new site using MSM with us/en as the master.

Steps:

1. Create a **Blueprint** under /content/ using us/en as the source.
2. Configure the **Live Copy** under /content/ for other regions.
3. Set up **Rollout Configurations** to manage updates.
4. Deploy and verify site structure.

Screenshot:

- **Blueprint setup**

4. Authoring a Page Similar to McDonald's 'About Our Food'

Objective:
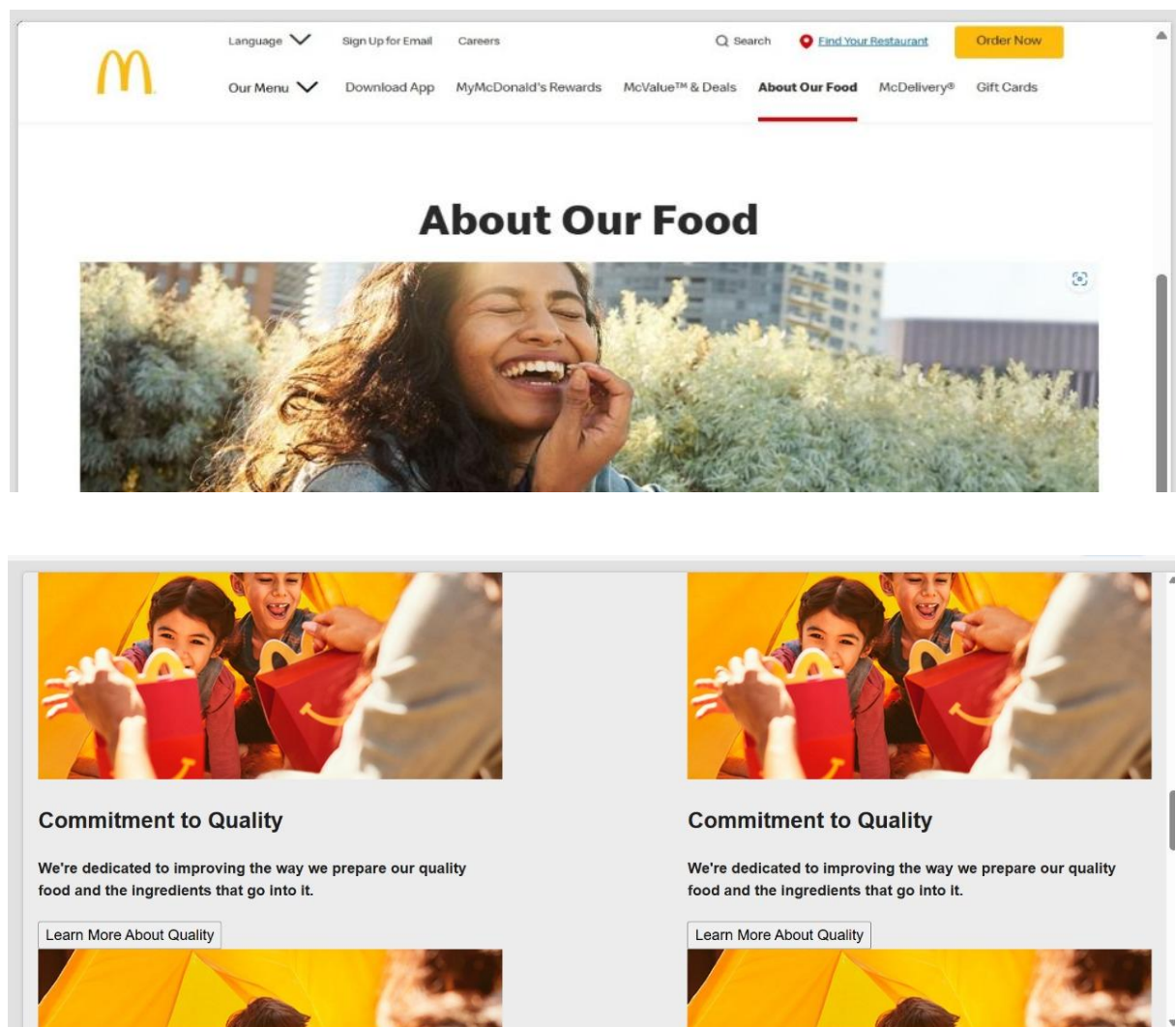
Create an AEM page that replicates the content and structure of McDonald's About Our Food.

Steps:

1. Use **AEM Core Components** like Teaser, Image, and Text.

2. Structure the page to match McDonald's content layout.

3. Upload and reference **images** and **text** from the McDonald's page.

4. Deploy and verify the authored page.

Screenshot:

- Final rendered page output

5. Setting Up the Dispatcher Locally

Objective:

Install and configure AEM Dispatcher for local development.

Steps:

1. **Download and Install Dispatcher Module**
   - o Download the appropriate Dispatcher module from Adobe's official site.
   - o Install it in your local Apache HTTP Server.

2. **Modify dispatcher.any Configuration**
   - o Navigate to the conf/dispatcher.any file.
   - o Configure caching rules, filters, and allowed paths.

3. **Set Up Apache HTTP Server**
   - o Configure httpd.conf to load the Dispatcher module.
   - o Define virtual hosts and reverse proxy rules for AEM.

4. **Test Dispatcher Setup**
   - o Restart Apache and validate Dispatcher functionality.
   - o Ensure cached content is stored correctly and updates reflect properly.