**AEM Training - Day 8 Assignment**

**1. What is MSM, Blueprint, Live Copy, and Rollout?**

**Multi-Site Management (MSM)**

MSM in AEM (Adobe Experience Manager) allows content authors to manage multiple sites efficiently by creating a relationship between a master site and its copies.

* **Blueprint**: The original source of the content that is copied into other sites.
* **Live Copy**: A copy of the Blueprint that is linked and can receive updates through Rollouts.
* **Rollout**: The action of propagating changes from the Blueprint to the Live Copy.

**Use Case**

For example, if we have a master website /content/us/en, we can create country-specific sites (/content/ca/en, /content/uk/en) using MSM. Changes made in /content/us/en can be rolled out to other sites.

**2. What is Language Copy?**

A **Language Copy** is a translated version of a site for different language locales. It helps in creating multilingual websites without duplicating content manually.

Example:

/content/us/en (English)

/content/us/fr (French)

/content/us/es (Spanish)

AEM provides translation tools to help with managing language copies.

**3. Create a Site Using MSM (US EN as Source)**

**Steps to Create MSM Site**

1. Navigate to **AEM Sites** → **Tools** → **MSM Control Center**.
2. Create a new **Blueprint Configuration** with /content/us/en as the source.
3. Navigate to **Sites** and create a **Live Copy** using the Blueprint.
4. Define rollout configurations to sync content changes.

📖 **Reference**: [AEM Multi-Site Manager Guide](https://medium.com/@toimrank/aem-multi-site-manager-cd73a9077cba)

**4. Create McDonald's "About Our Food" Page in AEM**

**Steps to Author the Page**

1. Navigate to **AEM Sites** and create a new page using the **We.Retail template**.
2. Use AEM components:
   * **Image Component**: Add images from McDonald's website.
   * **Text Component**: Copy text content.
   * **Carousel Component**: For banners.
3. Structure the page layout to match McDonald's page: [McDonald's About Our Food](https://www.mcdonalds.com/us/en-us/about-our-food.html).

**5. Setup Dispatcher on Local**

**Steps to Install and Configure Dispatcher**

1. **Download Dispatcher Module**:
   * Get the dispatcher module from [Adobe Dispatcher Download](https://experienceleague.adobe.com/docs/experience-manager-dispatcher.html?lang=en).
2. **Install Apache Web Server**:
3. sudo apt update

sudo apt install apache2

1. **Configure Dispatcher**:
   * Modify dispatcher.any and httpd.conf to enable caching and security rules.
2. **Test Dispatcher**:
   * Start the Apache server and test using:

curl -I http://localhost:80/content/we-retail.html