#### ****Objective****

This project is designed to automate the process of searching for content and interacting with web elements on the **Unsplash** website using Cypress. The focus is on validating search functionality, performing automated scrolling, and interacting with dynamically loaded content to simulate a user experience.

#### ****Scope****

The project involves writing Cypress test scripts to:

1. Search for specific content (e.g., images related to the term "Ocean").
2. Verify that the search results are correctly displayed.
3. Scroll to a specific part of the page to ensure elements load dynamically.
4. Click on an image element to confirm that the interaction behaves as expected.

#### ****Tools & Technologies****

* **Cypress**: A JavaScript end-to-end testing framework used to automate web interactions.
* **JavaScript**: The scripting language for writing Cypress tests.
* **Unsplash**: A popular website for free high-resolution images used as the target for automated tests.

#### ****Key Features****:

1. **Automated Search Functionality**: Automates the process of searching for images on the Unsplash website.
2. **Scroll Automation**: Utilizes Cypress's scroll functionality to dynamically load and interact with content.
3. **Element Interaction**: Automates the selection and clicking of dynamically loaded images to simulate real user behavior.
4. **Assertions & Validations**: Ensures that the search results and interactions are accurate.

#### ****Current Functionality****

* The test script navigates to the **Unsplash** homepage and performs the following actions:
  1. Searches for the keyword **"Ocean"** in the search bar.
  2. Verifies that the search results page displays the text **"Ocean"** in the header.
  3. Scrolls down the page by 3000 pixels to load more images.
  4. Selects and clicks on a specific image loaded after scrolling.