MyStore Automated Testing Project

This project contains automated UI tests for the **MyStore** website (http://automationpractice.multiformis.com/index.php) , focusing on the **Homepage Search** functionality and the **Contact Us** page.
The project uses **Nightwatch.js** and follows the **Page Object Model (POM)** design pattern; no hardcoded selectors

Project Structure

```
MyStore/
├── page-objects/           # Page Object classes for HomePage & ContactUsPage
│   ├── HomePage.js
│   └── ContactUsPage.js
├── tests/                  # Test scripts for the application
│   ├── homepageSearchTest.js
│   └── contactUsTest.js
├── uploads/                # Test files for upload scenario
├── nightwatch.conf.js      # Nightwatch configuration file
├── package.json            # Project dependencies and scripts
└── README.md                # Project documentation
```

Tech Stack

- **Test Framework:** Nightwatch.js
- **Language:** JavaScript (Node.js)
- **Automation Design Pattern:** Page Object Model (POM)
- **Assertion Library:** Built-in Nightwatch assertions
- **Browser:** Google Chrome (via Chromedriver)

Test Scenarios Covered

Homepage Search Tests

- Search with valid keyword "dress"
- Verify product titles contain the keyword
- Search with no results
- Search with:
  - Uppercase & lowercase keywords
  - Mixed-case keywords
  - Special characters
  - Extra spaces

- Verify the search term remains in the search bar
- Search using the **Enter key**
- Click search with an empty search field
- Clear search input

Contact Us Page Tests

- Submit form with valid data & file upload
- Submit form with invalid email
- Missing mandatory fields (subject, message, email)
- Upload invalid file formats
- Submit a message with:
    - Minimum letters
    - Large input (50,000 characters)

Setup Instructions

1. Clone the repository

```
git clone https://github.com/your-username/mystore-test.git
cd mystore-test
```

2. Install dependencies

```
npm install
```

3. Run ChromeDriver locally

Make sure ChromeDriver is running on port **9515**, or update the `nightwatch.conf.js` to match your setup.

4. Run the tests

Run contactUs test:

```
npx nightwatch tests/contactUsTest.js --env default
```

Run homepage Search test

```
npx nightwatch tests/homepageSearchTest.js --env default
```

Author

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