Project Assignment: "E-Commerce Site Price Tracker & Reporter"

Build a small Selenium automation framework that:

- Logs into a e-commerce site
- Searches for a list of products
- Extracts their current prices
- Writes the output to an Excel file
- Follows good code structure and hygiene

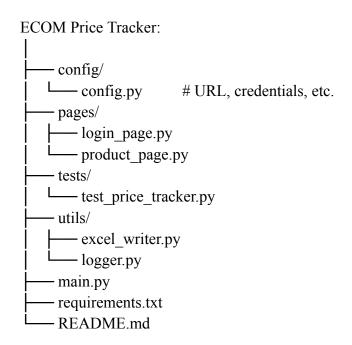
✓ Functional Requirements:

- 1. Login Automation:
 - Automate login to this demo site: https://www.saucedemo.com/
 - Use username: standard user and password: secret sauce
 - Negative Test Case: Create a invalid test case where user is not able to login due to invalid password and verifies the Error message from the webpage
- 2. Product Price Extraction:
 - After login → Sort the Products by highest to lowest Price Filter
 - Extract below details for all the products from page 1:
 - Product Name
 - Product Price
 - Product Description
 - Store this data in a structured format.
- 3. Excel Report Generation:
 - Write the extracted data into an Excel file.

o Include columns: Product Name, Price, Description, and Timestamp.

V Framework Requirements:

1. Project Structure should follow the below format:



NOTE:

- 1. Create the Project Repo "TestECOMSite" Repo in the GIT.
- 2. Make the Repository public
- 3. Share the Repository Link