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Test Report

Automated Login Test- SauceDemo

Objective

Automate login functionality for the demo web application (<https://www.saucedemo.com>) using Selenium.

Tools & Technologies Used

- Python
- Selenium
- Chrome WebDriver (via webdriver-manager)
- PowerShell / Terminal

Test Case: Valid Login

- Username: standard_user
- Password: secret_sauce
- Expected Result: User should land on the 'inventory.html' page after login.

Result

The test script successfully automated the login process and confirmed successful navigation to the product page.

Console Output: Login successful

Python Selenium Script

```
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.chrome.service import Service
from webdriver_manager.chrome import ChromeDriverManager
import time

driver = webdriver.Chrome(service=Service(ChromeDriverManager().install()))
driver.get("https://www.saucedemo.com/")
driver.maximize_window()

driver.find_element(By.ID, "user-name").send_keys("standard_user")
driver.find_element(By.ID, "password").send_keys("secret_sauce")
driver.find_element(By.ID, "login-button").click()

time.sleep(2)
if "inventory.html" in driver.current_url:
    print(" Login successful")
else:
    print(" Login failed")

driver.quit()
```