

QA Automation Task

Framework Used

- Python
- Selenium
- PyTest

Website Tested

<https://www.saucedemo.com/>

Test Cases Automated

1. Successful Login Test
 - Login with valid credentials
 - Verify redirect to inventory page
2. Failed Login Test
 - Login with invalid credentials
 - Verify error message displayed
3. Add to Cart Test
 - Login
 - Add product to cart
 - Verify cart count increases
4. Checkout Test
 - Login
 - Add product to cart
 - Proceed to checkout
 - Verify checkout page opens

Setup Instructions

1. Create virtual environment: `python -m venv venv venv\Scripts\activate`
2. Install dependencies: `pip install -r requirements.txt`
3. Run tests: `pytest -v`

Tools Used

- Selenium WebDriver
- PyTest
- webdriver-manager

- Python

Output

collected 4 items

```
tests/test_cart.py::test_add_cart PASSED [ 25%]  
tests/test_cart.py::test_checkout PASSED [ 50%]  
tests/test_login.py::test_valid_login PASSED [ 75%]  
tests/test_login.py::test_invalid_login PASSED [100%]  
  
===== 4 passed in 22.21s =====
```