

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 =====
```