Challenges faced during this project:-

1) The challenge I faced here while writing the Username functionality test cases are keeping a track of the webpage behaviour by giving different usernames.
2) Using waits in the code before verifying the presence of elements, url, titles
3) During writing test cases, sequentially trying to understand the workflow of the webpage through which information is passed from one webpage to another.
4) Using Page Object Model and keeping track of the correct sequence in which the program is called.
5) Some buttons (like "Finish" and "Back Home") weren't clickable immediately, causing `ElementClickInterceptedException` or skipped clicks.

Improvements in real time scenario:-

**Use Page Object Model (POM) Properly**

Each page should represent only its own interactions. Avoid mixing flow logic (like clicking multiple buttons across steps) in one method.

**Test Reporting**

Integrate rich HTML or Allure reporting for better visibility of test outcomes.

**Data-Driven Tests**

Use CSV/JSON/fixtures to drive test data instead of hardcoding in dicts.