

Testing List

1. Browser Test

- A. Chrome
- B. Firefox
- C. IE
- D. Safari
- E. Mobile side

2. Performance Test

- A. Memory usage
- B. CPU usage
- C. Internet usage
- D. Loading time

3. Functionality Test

- A. Check all link in this website (Outgoing links, Internal links, Anchor Links, MailTo Links)
- B. Input large number
- C. Input un-number character (Chinese, English, Japanese etc.)
- D. Input number with un-number character
- E. Input full-format number

4. Stress Test

- A. Monkey test (Randomly send events)
- B. Open and close this web app repeatedly
- C. Press specific button repeatedly
- D. Test cookies by deleting cache file repeatedly

Testing Method

1. Setup an auto-testing script with Python language on Selenium

- A. Automatically input variable number and character in text box
- B. Automatically send events on button
- C. Automatically collect results of value
- D. Automatically launch this script on different platform

2. **Test usage performance through Developer tool in Browser**
 - A. Combined the API of developer tool with script on Selenium
 - B. Check whether the usage is wrong or over average in long term (6 hours)
 - C. Check the usage on different

Testing Plan

1. **Setup auto-testing script on Selenium**
2. **Setup testing table for standard operating process**