

This questionnaire is part of a study to gain insight on what different users perceive as expected functionalities (more technically speaking functional requirements) that any web browser should implement, regardless of the platform (e.g., PC versus Mac) or the operating system (e.g., Unix versus Windows XP). It is expected that it will take roughly 30 minutes to complete the two parts of the questionnaire.

Please remember to complete both parts of the questionnaire and to report how long it took to complete both parts. The first part asks general questions about your level of familiarity with web technology, computer programming, and requirements engineering.

First Part

General Information

How long did it take you to write these requirements, in minutes?

How long did it take you to complete the questionnaire, in minutes?

Please tell us about your job (select just one - the one that best describes your job):

- teaching or higher education
- student or part time student
- computer programmer or software developer
- technical staff
- researcher
- project manager or team leader in research facilities, software factories, university, etc
- non-computer or software development related job
- other, please specify:

Company or organization (select just one - the one that best fits your company)

- higher education (e.g., college or university)
- software factory
- research facility
- manufacturing industry
- other, please specify:

Age:

Female: ___ Male: ___

Information on familiarity with web browsers:

Examples of Web browsers are Internet Explorer, Mozilla, Netscape.

What is your favourite WEB browser?

- Explorer
- Firefox
- Mozilla
- Safari
- Opera
- Other: _____

What is your favourite working environment:

- Microsoft Windows (XP, Vista, etc)
- Mac OS
- Linux (RedHat, Suse, Ubuntu, Fedora, etc.)
- Solaris
- Other: _____

- What is your experience with web browsers?

- How often do you use web browsers?

- several times a day
- two to three time per day
- once a day
- once per week
- very rarely

I am using web browsers mostly:

- for work
- at home for my personal interests
- fifty percent for work –fifty percent for personal interests

- For what do you use web browsers? (multiple answers are possible)

- surfing the net
- searching for information
- other, please specify:

Information on familiarity with software development, languages, and education

- How many years of experience do you have in software development or evolution, if any? Please check one below:

- _____ no software engineering experience
- _____ less than 1 year software engineering experience
- _____ more than 1 year but less than 3 years of experience
- _____ more than 3 years but less than 7 years of experience
- _____ more than 7 year but less than 10 years of experience
- _____ more than 10 year but less than 20 years of experience
- _____ more than 20 years of experience

- How many years of experience do you have in software engineering, if any? Please check one below:

- _____ no software engineering experience
- _____ less than 1 year software engineering experience
- _____ more than 1 year but less than 3 years of experience
- _____ more than 3 years but less than 7 years of experience
- _____ more than 7 year but less than 10 years of experience
- _____ more than 10 year but less than 20 years of experience
- _____ more than 20 years of experience

- If you have software engineering experience, what types of systems did/do you work on? Doing what?

- Have you ever written, modified, maintained a web browser, or written requirements for a web browser, or worked on an aspect of a browser?

Please check all below that apply:

- _____ I have written a web browser
- _____ I have modified a web browser
- _____ I have maintained a web browser
- _____ I have written requirements for a web browser
- _____ I have worked on an aspect of a web browser

- Have you ever taken a requirements engineering course or an industrial training session on requirements?

- Have you ever taken a software engineering course or an industrial training session on software engineering?

Do you have a bachelor's degree?

- in computer science or related field
- in computer engineering or related field
- in mathematics or related field

If so, how long ago was it obtained?

- Do you have a master's degree?

- in computer science or related field
- in computer engineering or related field
- in mathematics or related field

If so, how long ago was it obtained?

- Do you have a doctorate degree?

- in computer science or related field
- in computer engineering or related field
- in mathematics or related field

If so, how long ago was it obtained?

- In what programming/scripting languages do you consider yourself proficient?
Rate your experience on a scale of 1 to 10 with 10 being most proficient.

- Java
- C#
- C
- C++
- PHP
- Python
- Perl
- Other, please specify _____

Have you ever heard of recommended practice IEEE 830-1998?

Second Part

Could you please write down 20 or so of the most important functional requirements that any web browser should have. These should be no more than 2 lines (approx.) per functional requirement.

For example, if we would like to have requirements for an interview scheduling system, one requirement could be:

" the system shall allow the secretary to enter the date and place of the meeting"

Could you number each one with your initials (for Jane Ellen Hayes it would be JEH1, JEH2, etc.) and separate each with a blank line and ordered in order of importance or priority to you with the most important first: