The learner will select a preferred website. Considering the website, the learner will identify three quality attributes that would be important to the site's success and write one reasonable scenario for each quality attribute, presented in one of the formats presented in class.

For each quality attribute and corresponding scenario, the learner will be graded on the following aspects:

* Properly and clearly identifying the quality attribute
* Explanation of importance is present, clear, reasonable, and well-written (clear language, proper grammer, correct spelling)
* Scenario provided captures the related attribute
* Scenario follows a provided format
* Scenario is present, clear, reasonable, and well-written (clear language, proper grammar, correct spelling)

Select a public website that you use enough to be familiar with what a typical user may want to do. This website should not require the peer reviewer to sign up for an account or pay to use the site in any way. The website should also not, to the best of your knowledge, serve malware, use JavaScript to complete cryptocurrency mining, or any other negative practice that might harm the peer reviewer.

Select three quality attributes that are likely to be important when deciding a website architecture for the website you chose. You can use usability, security, performance, reliability, or any other reasonable quality attribute as the basis of your selection. Briefly explain the importance of each quality attribute as it relates to the software/service you selected.

Then, for each selected quality attribute, write one scenario that would help quantitatively assess whether the software solution meets its goal. You shall write your scenarios using a format that was presented in the lectures.

Write your first selection, discussion of importance and scenario here.

Amazon.co.uk

Usability - How easy web page interface is

Scenario:  Searching for a product and adding to shopping cart.

Source:  Customer

Stimulus:  Search for a product and add to shopping cart, also the search suggestions that Amazon offers the shopping experience

Environment:  Normal operations

Artefact:  Processor, search, interface

Response:  Normal

Response Measure:  On average 1 -2 seconds. website is easy to navigate using predetermined categories and sub categories along with free format search option. The multi stage interfaces are all mapped for ease and usability and operability means that anyone can use it based on search criteria and shopping history / patterns similar products are suggested and directed to the shopper

Write your second selection, discussion of importance and scenario here.

Security - Security is a measure of the system's ability to resist unauthorized usage while still providing its services to legitimate users.  Security can be characterised as a system providing nonrepudiation, confidentiality, integrity, assurance, availability, and auditing.

Scenario:  Security protocols when using the website.

Source:  Customer

Stimulus: Access to system services while using https protocol when using the site. Ensuring that all personal / sensitive data address, DOB, in addition to credit card details is secure and safe from penetration.

Environment:  Normal operations, online, connected and firewalled.

Artefact:  Allows access to secure https communications protocol.

Response:  Normal

Response Measure:  1-2 seconds

Write your third selection, discussion of importance and scenario here.

Performance - Performance is about timing, how system can respond to events, messages, interrupts that may occur during the 'shop'

Scenario:  Adding additional items to shopping cart

Source:  Customer

Stimulus:  Successfully adding a product in the shopping cart.

Environment:  Normal operations, online, connected.

Artefact: System

Response:  Normal response time

Response Measure:  1-2 seconds, load time between scrolling between pages when looking for specific items in addition to selecting from the categories