



<p><b>PROMPT</b></p> <p>Write your second selection, discussion of importance and scenario here.</p> <p>Site: <a href="https://realpython.com/">https://realpython.com/</a></p> <p><b>Scenario 2 - Performance</b></p> <p>This quality attribute is important because users usually do not want to wait for more than a few seconds to get search results, thus, being able to deliver results efficiently can make a great impact on users coming back to the site.</p> <p><b>Source:</b> User using a standard web browser.</p> <p><b>Stimulus:</b> User searches for a tutorial on a specific Python topic.</p> <p><b>Environment:</b> The system is operating normally and under low load. Internet latency is less than 100ms from the customer browser to the site.</p> <p><b>Artifact:</b> Search module</p> <p><b>Response:</b> Roundtrip time of user hitting enter in the search box to customer browser update showing the search results.</p> <p><b>Response measure:</b> 98% of the time, under 2 seconds.</p>	<p><b>RUBRIC</b></p> <p>Is the quality attribute clearly identified?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of importance present?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of importance clear?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of importance reasonable?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of importance well-written (clear language, proper grammar, correct spelling)?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the scenario content present?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the scenario content clear?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the scenario content reasonable?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the scenario content well-written (clear language, proper grammar, correct spelling)?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Does the scenario capture a measurement of the quality attribute identified?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Does the scenario follow one of the formats discussed in the course?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p>
---	---

<p><b>PROMPT</b></p> <p>Write your third selection, discussion of importance and scenario here.</p> <p>Site: <a href="https://realpython.com/">https://realpython.com/</a></p> <p><b>Scenario 3 - Scalability</b></p> <p>This quality scenario is important since the site should be able to handle an increasing load without impact on the performance of the search functionality.</p> <p><b>Source:</b> User using a standard web browser.</p> <p><b>Stimulus:</b> User searches for a tutorial on a specific Python topic.</p> <p><b>Environment:</b> The system is operating under heavy load (more than 500 concurrent users are searching). Internet latency is less than 100ms from customer browser to site.</p> <p><b>Artifact:</b> Search module</p> <p><b>Response:</b> Roundtrip time of user hitting enter in the search box to customer browser update showing the search results.</p> <p><b>Response measure:</b> 95% of the time response time should not grow more than 0.3 seconds.</p>	<p><b>RUBRIC</b></p> <p>Is the quality attribute clearly identified?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of Importance present?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of Importance clear?</p> <p><input type="radio"/> 0 pts No</p> <p><input checked="" type="radio"/> 1 pt Yes</p> <p>Is the quality attribute explanation of Importance</p>
---	---

reasonable?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Is the quality attribute explanation of importance well-written (clear language, proper grammar, correct spelling)?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Is the scenario content present?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Is the scenario content clear?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Is the scenario content reasonable?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Is the scenario content well-written (clear language, proper grammar, correct spelling)?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Does the scenario capture a measurement of the quality attribute identified?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

Does the scenario follow one of the formats discussed in the course?

- ☐ 0 pts  
No  
☒ 1 pt  
Yes

#### OVERALL ASSIGNMENT RUBRIC

Is the website selected publicly accessible?

- ☐ 0 pts  
No  
☒ 10 pts  
Yes

Is the website selected a real website with a clear purpose? As an example, it is not just the submitting learner's personal website.

- ☐ 0 pts  
No  
☒ 10 pts  
Yes

Submit Review

#### Comments

Comments left for the learner are visible only to that learner and the person who left the comment.



Good



Post