

# Levels and types of testing

## Assignment

Stefania Pruteanu

1. Complete the task of the previous level. ✓
- 2. Do you think it is possible to perform only functional testing for a product without checking non-functional requirements? If yes - in what cases? If not, why not?  
Support your answer.
- 3. How do you see the need for smoke testing? Is it always appropriate?

**Send your colleague the 3 requirements from your homework. ✓**  
**You also will get 3 requirements from your colleague.**  
**Test each requirement with the help of technique 'Questions.'**

### Requirements from Mohamad:

He did not answer on Discord so I couldn't finish this point

### Questions :

\*

### *Skipped for today :*

2.

### **Functional without Non-functional -**

I think, in isolated cases like unit/component testing could be done by developers, when they build the unit of code for each designed log-in form elements, they could run the functional test in their own IDE according to the specified requirement (GUI: field inputs, buttons, alignments, colours, text, etc.) and also check if these units fit and display inside the log-in component (no overlapping or conflicts). **So this would be a case of 'yes'.**

*But for this same situation*

### **Functional with Non-functional -**

The functional test for this situation would need a non-functional test as well, to check if the log-in form performs well according to the requirements, as example: the log-in form should not take longer than 1 second to load its GUI, the log-in form should not crash or interrupt on its continuous run, it should run in the same manner on multiple required devices, browsers or OS types and versions, it should not crash when changes occur in the system (network drops), it should handle the required amount of data volume (users, multiple logins, transfer speed, etc.). A software product could not be 'lifeless' and that static to disregard the non-functional aspects, even a chair would have non-functional characteristics.

**And this would be a case of 'no'.**

**3.**

**Smoke testing**