

## Quiz 8: Establishing Requirements

1. A requirements statement that attempts to formalize requirements for an intended product with description, product rationale, source and fit criterion is called a \_\_\_\_\_. In the text area below, please state your answer.

Answer: Volere shell or Volere process or Volere

2. The kind of requirements that describes what the "system should do" is called \_\_\_\_\_ requirement. In the text area below, please state your answer.

Answer: Functional

3. The kind of requirements that describes requirements such as the "look and feel of the system," "usability and humanity requirements," "operational and environmental requirements," as well as "security and multi-platform support" is called \_\_\_\_\_ requirement. In the text area below, please state your answer.

Answer: Non-functional

4. \_\_\_\_\_ are rich descriptions of typical users of the product under development that the designers can focus on and design the product for. They capture a set of user characteristics or user profiles. These profiles do not represent real people, but idealized and synthesized from real users. In the text area below, please state your answer.

Answer: Persona

5. True or False: Researching similar products is good for prompting requirements for a future product. In the text area below, please state your answer.

Answer: True

6. True or False: Involving only one representative from each stakeholder group, especially when the group is large, is considered a recommended approach to data gathering for establishing requirements. In the text area below, please state your answer.

Answer: False

7. A technique of analyzing tasks completed by users that involves breaking a task down into sub-tasks, then sub-sub-tasks, where the tasks are grouped plans which specify how the tasks might be performed in practice is called a \_\_\_\_\_. In the text area below, please state your answer.

Answer: Hierarchical Task Analysis

8. A \_\_\_\_\_ is a task description that involves an informal narrative or story, which is simple, "natural," personal, but not generalizable. It describes human activities or tasks in a story that allows exploration and discussion of contexts, needs and requirements. In the text area below, please state your answer.

Answer: Scenario

9. A type of task description that focuses on user goals, with an emphasis on the user-system interaction rather than the user's task itself, with specific importance to the user (called an actor) and stresses the user's perspective and not the system's perspective is called \_\_\_\_\_. In the text area below, please state your answer.

Answer: Use Case

10. A type of task description that is a structured narrative consisting of three parts, name, user intention and system responsibility. The stepped down descriptions of the user intentions and stepped down descriptions of the system's responsibility are also provided in a table. This type of task description is called a \_\_\_\_\_.

Answer: Essential Use Case