TU Clausthal

Requirements Engineering
Exercise – 3

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Deadline: 11.12.2023 – 1:59 PM

Submission location: Moodle → Exercise 03

Task(s):

Submission guidlines:

- max. 2 pages

- Please upload a valid PDF file.

- Please review and finalize your submission once you have uploaded all files and then click the Submit button.

Task(s):

1. Define the term "functional requirement".

2. What are the three perspectives on functional requirements? Explain each perspective in **ONE** sentence.

3. For each of these perspectives, describe an example requirement that may arise in the development of an online shop.

4. Extract the requirements from the project description below. If necessary, expand the requirements to avoid insufficient requirements engineering.

   "The client must be able to connect to the server without any problems. The precondition is that the server has already been booted and must have its own IP. Then the client can connect to the server. The connection between client and server must work smoothly after half of the project duration. The client should offer the possibility to add friends permanently.

   Once two clients are connected to the same server at the same time, it must be possible to send messages between clients. The use of the client should be kept simple so that the user can use the client without much effort. Furthermore, the client should run on most common operating systems and be easy to install."

Questions? → etce-re@tu-clausthal.de

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