

SOFTWARE REQUIREMENTS

EXERCISE 2.6.1

Consider the requirements below. Are these requirements written according to the syntax described in the ISO standard? If not, rewrite the requirement according to the syntax.

- The system shall be able to process at least 40 executing jobs at a time.
The system [Subject] **shall allow to process** [Action] **40 executing jobs** [Condition] **at a time** [Constraint].
- The system shall provide the means for the resource provider to see on which project this resource is working.
The system [Subject] **shall provide** [Action] **dashboard** [Object] **to the resource provider to check** [Action] **on which project this resource is working on** [Constraint].
- If one of the resourced is appears while it was performing a job, the system should re-queue the job.
When one of the resource is appeared [Condition] **while the system** [Subject] **is performing a job** [Action], **the system shall re-queue** [Action] **the job** [Object].

EXERCISE 2.6.2

Requirements must have several characteristics, for instance, verifiable, consistent, consider the following requirements. These requirements are not written according to the correct syntax. Analyze them according to the characteristics of well-formed requirements described in Section 2.3 and rewrite them according to the syntax proposed by the ISO standard.

- The information which is stored on the database can be accessed by any standard computer on the Company network.
The systems shell access the information stored on the database within the Company network.
- In order to obtain a Company car sticker, the person must have a valid Company ID.
To obtain a Company car sticker, the person shall have a valid Company ID.
- The opening of the software shall take less than 3-4 seconds under normal working conditions.
The software shall open to normal working conditions within 4 seconds.
- The user shall have access to French? English dictionary (this is outside the scope of the application). The user shall ask questions or propose suggestions for words translations by mailing to the administrators.
When the system translated French word wrong, the user shall give feedback to the administrators through suggestion section provided.

- The software will be available 24hrs 365d/year.
The software shall available all the time.