

Exercise # 01:

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 shall provide the means for the resource provider to see on which project this resource is working.
- If one of the resource disappears while it was performing a job, the system should re-queue the job.

➔ The system shall be able to process at least 40 executing jobs at a time.

Rewriting Requirement:

The system [subject] shall process [action] 40 [condition] executing jobs [object] at one time [constraint].

➔ The system shall provide the means for the resource provider to see on which project this resource is working.

Rewriting Requirement:

The system shall allow resource provider to check the list of working resources on projects.

➔ If one of the resource disappears while it was performing a job, the system should re-queue the job.

Rewriting Requirement:

When resource disappear, while performing the job [condition] the system shall allow [action] the job [object] to re-queue.

Exercise # 02:

Requirements must have several characteristics, for instance, verifiable, consistent etc.

Consider the following requirements. These requirements are not written:

According to the correct syntax. Analyze them according to the characteristics of well-formed

- The information which is stored on the database can be accessed by any standard computer on the Company network.
- In order to obtain a Company car sticker the person must have a valid Company ID.
- The opening of the software shall take less than 3-4 seconds under normal working conditions.
- 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.
- The software will be available 24hrs 365d/year.

➔ The information which is stored on the database can be accessed by any standard the computer on the Company network.

Rewriting Requirement:

Database shall be accessed by any computer within the network.

➔ In order to obtain a Company car sticker the person must have a valid Company ID.

Rewriting Requirement:

To obtain a company car sticker the employee must have a valid company ID.

➔ The opening of the software shall take less than 3-4 seconds under normal working conditions.

Rewriting Requirement:

The system shall take less than 3 to 4 seconds to start in normal routine.

➔ 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.

Rewriting Requirement:

The system should allow user give feedback by clicking on suggestion icon.

➔ The software will be available 24hrs 365d/year.

Rewriting Requirement:

The system should be available anytime.