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*LAB-WORK*

**SOLUTION OF REQUIREMENTS**

**2.6 Exercises:-**

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

• If one of their source disappears while it was performing a job, the system should re-queue the job.

**Solution:-**

* The system [subject] shall process [action] 40 [condition] executing jobs [object] at one time [constraint].
* The system shall allow resource provider to check the list of working resources on projects.
* When resource disappear, the system shall allow the job to re-queue.

**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 Section2.3 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.

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

• The opening of the software shall take less than3-4 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.

• Thesoftwarewillbeavailable24hrs365d/year.

**Solution:-**

1 - Any computer on company can access the database.

2 - For generating a car sticker customer shall have company id.

3 - The System shall run this whole process under 3-4 seconds.

4 - The System shall User French Language and provide feedback for improvement via Email.

5 – The Software/System shall available all the time.

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