**2) Functional requirements**

**ABOUT:**

* A functional requirement defines a system or its component.
* How system should react to external environment.
* What response the system should give on certain input.
* What output should generated.
* How the system should behave in particular situations.

**TYPES:**

* Business rules
* Transaction corrections
* Adjustments & cancellation
* Administrative functions
* Authentication
* Authorization levels

**Example1:**

Some functional requirements of a university library system.

* The user should be able to search for a library item by specifying a key word.
* The library staff member should be able to issue a library item by scanning the bar codes of the library item and the student card.
* Students can reserve a library item on line.

Example2:

As an applicant, I must be able to conduct a resume on the website and edit and print it.

* Completing, editing, adding, and deleting different fields in the resume
* Downloading and printing the resume
* Displaying the resume’s completion progress