

Analysis and critique of existing SRS

1) Two positive and two negative aspects of the specification

- Positives:

- * Requests with specified priorities are forwarded in a separate section.
- * Abbreviations and defined terminology are placed at the beginning, which enables it the user to familiarize himself with the content of each subsequent paragraph in advance.

- Negative:

- * The Logical Database Requirements section is missing and therefore the service is shortened for availability of information files.
- * The verification section is missing (Verification: This section provides the verification approaches and methods planned to qualify the software.) that is, this section provides verification approaches and verification methods for software qualification.

2) Six problems and suggestions for changes

*The software shall display a list of all therapies stored in the system
Therapies panel.

- The request lacks additional information. It is also ambiguous
"display" occurs which specifies that a screen is being used which should not be the case.

- Suggested change: The software shall report in the Therapies panel a list of
all therapies owned by all the patients that belong to the current user –
physical therapist, which are stored in the system.

*The software shall display the software version number

- Does not pass the "What vs. How"

- Suggested change: The software shall report the software version number.

*The software shall insert the contents of the clipboard when "Paste" is clicked,
and if content was placed into clipboard by a cut operation, The software shall
remove the cut content from the original location.

- Do not specify multiple requests and use long and
unclear sentences.

- Suggested change:

1. The software shall insert the contents of the clipboard when "Paste" is clicked.

2. The software shall remove the cut content from the original location when cut operation is used.

*The software will rely on the Microsoft .Net Framework and needs version 2.0 or greater to function properly.

- Instead of explaining how the software will achieve a given goal, we should state what the software is qualified to do in relation to that purpose.

- Suggested change: The software will need specific versions to function properly.

* The user shall provide a name for the task.

-The software should prompt the user to enter a name for the given task.

- Suggested change: The software shall ask the user to provide a name for the task.

* The user shall provide an optional time limit for the task.

* As in the previous one, the software should ask the user to enter time for the given task.

* Suggested change: The software shall ask the user to provide an optional time limit for the task.

3) Procedure used during document inspection

- "What vs. How". The request should specify what it needs the software to do to achieve a certain goal, not how to do it do that.

- "Do not make multiple requirements". Requirements should be listed in short and clear sentences, without using the words: and, or, with, also