**Characteristics of a good SRS**

1. Correct :

An SRS is correct if, and only if, every requirement stated therein is one that the software shall meet.

1. Unambiguous :

An SRS is unambiguous if, and only if, every requirement stated therein has only one interpretation.

1. Complete :

An SRS is complete if, and only if, it includes the following elements:

All significant requirements, whether relating to functionality, performance, design constraints, attributes, or external interfaces.

1. Consistent:

No internal conflicts in SRS

1. Ranked for importance

Typically, all of the requirements that relate to a software product are not equally important.

1. Verifiable:

In general any ambiguous requirement is not verifiable. Nonverifiable requirements include statements such as “works well,” “good human interface,” and “shall usually happen.” These requirements cannot be verified because it is impossible to define the terms “good,” “well,” or “usually.”   
An example of a verifiable statement is   
Medical staff shall be able to use all the system functions after four hours of training. After this training, the average number of errors made by experienced users shall not exceed two per hour of system use.

(The system should be easy to use by medical staff and should be organized in such a way that user errors are minimized.)

1. Modifiable:

Any changes to the requirements should be made easily, completely, and consistently  
a) Have a coherent and easy-to-use organization with a table of contents, an index, and explicit crossreferencing;

b) Not be redundant (i.e., the same requirement should not appear in more than one place in the SRS);

c) Express each requirement separately, rather than intermixed with other requirements.

1. Traceable:

An SRS is traceable if the origin of each of its requirements is clear

a) Backward traceability (i.e., to previous stages of development). This depends upon each requirement explicitly referencing its source in earlier documents.

b) Forward traceability (i.e., to all documents spawned by the SRS). This depends upon each requirement in the SRS having a unique name or reference number.