Form E6u– Reading Experiment/Reading Scenario

Perspective–based Reading

Perspective based reading is the concept that the various customers of a product should read a document in such a way as to find out if the document satisfies their needs for it. In doing so it is hoped that the reader will find defects and be able to asses the document from their particular point of view.

Use–based Reading

Define the set of functions that a user of the system should be able to perform. Define the set of input objects necessary to perform each function, and the set of output objects that are generated by each function. This may be viewed as writing down all operational scenarios or subsets of operational scenarios that the system should perform. Start with the most obvious or nominal scenarios, and proceed to the least common scenarios or special/contingency conditions. In doing so, ask yourself the following questions for each scenario:

1. Are all the functions necessary to write the operational scenario specified in the requirements or functional specifications (e.g., are all the capabilities listed in the general description specified)?
2. Are the initial conditions for starting up the operational scenario clear and correct?
3. Are the interfaces between functions well-defined and compatible (e.g., do the inputs of one function link to the outputs of the previous function)?
4. Can you get into a state of the system that must be avoided (e.g. for reasons of safety or security)?
5. Might some portion of the operational scenario give different answers depending on how a requirement/functional specification is interpreted?
6. Does the requirement/functional specification make sense from what you know about the application or from what is specified in the general description?