



Left – People use these throughout engineering. This one’s from the requirements document at archives.elevated.org/project/resources.shtm.

“Some are more precise than others...”

Requirements Documents

CSSE 371, Software Requirements and Specification
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In the book – This is Ch 20

Let's start with

“Where do requirements come from?”

- Do it first,
- Then the “lessons” might sound familiar...

- Get with your project team.
- One person take notes.
- In 1 minute, write down the list of all the “sources” of your requirements. Where *have* they come from?
- We'll hear a few examples.
- In 2 more minutes, write down a list of all the additional people who might know additional requirements (or could have good ideas about what should be in the system).
- We'll hear a few examples.
- Keep these lists!

“This project would enable a user to share the real-time contents and actions of their computer screen with any remote user or group of users...”

...From your project description.

- (See p. 5 →)

Ok, what else can get you?

- “When they say it!”

“Didn’t I tell you so when we started?” cried Sherlock Holmes with a laugh. From www.bakerstreet221b.de/canon/stud-207.htm.



- I thought I told you that...
- Requirements “creep”
- What does this imply about how requirements should be done?

Let's look at some additional resources

- What's in Ch 20 about all this – From Bill Opdyke →, North Central College. (See http://www.noctrl.edu/academics/departments/computer_science/department_site/faculty.htm).
- How the “Creative Problem Solving” process model sorts out “How's and What's” – This is out on Angel, under Handouts. ← Google for “CPS Model” and you'll get lots on this. At <http://members.optusnet.com.au/~charles57/Creative/Brain/cps.htm>, for example.
- The IEEE spec format, in case you run into it. You can find it on the web (e.g., at [IEEE Spec at www.dcc.ufmg.br/~rodolfo/es-1-03/IEEE-Std-830-1998.pdf](http://www.dcc.ufmg.br/~rodolfo/es-1-03/IEEE-Std-830-1998.pdf)), but we are supposed to pay IEEE for it.
- For “What does our competition learn on this subject?” see for example <http://www.ncst.ernet.in/education/>.



- → Your devious next step in your project – You just did a list of what else you need to do. How would you contact the right people to get all those things?