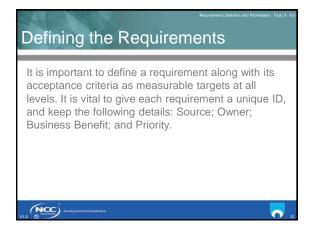


(NCC)

What is a Requirement? In simple terms, a requirement is a feature, a function, a service or a constraint. For example, requirements can mean the following: • Feature/Function – element of the planned product • Service – a service the project needs to ensure it delivers • Constraint – something that will act as a barrier during the project that needs to be planned for and suitable work arounds achieved.



Functional Requirements Functional requirement is "what", not "how". It is important to make a requirement SMART: Specific; Measurable; Achievable; Realistic and Timely. It is also important to consider the wording of a functional requirement. For example, "We need the ability to ..." or "As a ... I need... in order to ...". Functional requirements should not be in conflict with, or overlap, with other requirements.

Group Exercise: Functional Requirements

In small groups, consider the requirement; "set up a personal bank account", Create some **SMART** requirements based on this from the perspectives of:

- The customer
- The bank manager



Non-Functional Requirements – 1

Non-functional requirements are about "how well" we do the functional requirements. They are features that ensure a finished products work effectively and fits in well with the company brand, such as:

- Security
- · Availability
- · Portability
- Maintainability



Non-Functional Requirements – 2

- · External interfaces
- · Design constraints
- Performance
- · Response time

They may be global or related to just one functional requirement. It is likely that they will require extra time in the plan.



