

Requirements Engineering Overview

Problem Statement Guidelines

Problem Statement Description

■ Describe the Problem

- What is the problem you are trying to solve?

■ Identify the Customer

- What is the customer's name?
- Customer's objectives (internally and externally)
- Who else does the customer consider to be major stakeholders/competitors?

■ Identify the users

- Who?
- How many
- Typical background and capability
- What do they do?

■ Identify constraints imposed by the customer

- Hardware environment
- OS
- User environment
- Standards etc...

Assumptions and Risks

- List Assumptions made and describe how they are verified
- List assumptions still outstanding
 - When and how will they be verified?
 - What is the impact on the system if they are invalid?
- Identify major risk areas (Technical and non-technical)
 - Leading Edge Technology
 - Schedule constraints
 - Resource constraints
 - Lack of customer feedback