Are you sure you know what I want?

Why do we need to think about requirements?

Client (me)

Engineering (you)

The best travelling experience must consider ALL the aspects!

"It is always necessary to consider all different perspectives, from all different stakeholders."

The requirements engineering process

Requirements gathering and analysis

Requirements specification

Requirements verification

Requirements validation

You have gathered a set of requirements that clearly describe all my needs.

You have produced a requirements specification.

You have verified that the requirements are written in a correct, consistent and complete way.

I have validated the requirements agreeing that they describe my needs and restrictions.

An engineer must clearly describe the customer’s and other stakeholders’ needs using requirements

Objectives

Certification

Safety

"...for any system"

Requirements engineering is the foundation of successful software systems development and management

Juan Llorens - UC3M