

# Övning 1 – Req's Types, Project Types & Models (Lau:1)

1.1) Give examples of various **project types** (kap 1.2) from your own geographical region.

*Pricka in företagen Svenska staten, PUSS-projektet (om ni gått kursen), IBM, Volvo Lastvagnar, Sony Mobile, Softhouse, SAP, Axis Communications, Qlik och några till.*

1.7) Which **project model** should the shipyard have used? Which one did they actually use?

*Se kap 1.7 och sid 28*

1.8) For the case study 16.2 Ticket Machine (sid 543) do the following:

a) Identify the **project type** (in-house, COTS, etc.)

b) Outline a relevant requirement in the specific project for each of the **four levels** (kap 1.6, goal, domain, etc.)

c) Suggest a **project model** to use.

1.9) Study the following pieces of the existing requirements specifications in Chapters 11 and onwards:

Midland Hospital (Ch 12):

\* Section 2.3 Employee data, requirements 5 to 18

\* Requirement 144

\* Requirement 475

\* Requirement 666

\* Requirement 669

Danish Shipyard (Ch 11):

\* Detailed planning (entire section 5.2.1.2.2)

\* Objectives (entire section 4.1)

Bruel & Kjaer (Ch 14):

\* Requirement 35

\* Requirement 36

For each of these specification pieces, answer the following questions (se kap1.3):

a) Is it a functional requirement?

b) A non-functional one?

c) Something to help the reader?

d) Something about the domain or the product?

e) A system goal?

f) An example?

g) Is it verifiable?

Note: The same piece may be several of these things at the same time

h) Among the Midland Hospital requirements mentioned above there is a “killer requirement”, that is a requirement that looks innocent but could cause disaster for the unwary supplier. Which requirement is it?

## **Att göra hemma:**

1.2) For each project type: Who has the IT expertise? Who writes the specification? Who should be blamed if requirements are not met? How easy is it to change the specification?

1.4) Assume that the shipyard selected R2 as their requirement to the business system vendor. Who is responsible for R1? Who is responsible for R2? Who is responsible for R3?

*Se sid 25*