

## Övning 3 - Funktionella krav (Lau:2-5)

3.1) In the hotel system example, is the receptionist part of the product? Is he/she part of the inner domain? Answer the same question for the waiter. Suggest different system limits so that we get another answer. *see Fig. 3.2 page 77*

3.2) Which functional styles were used in the Shipyard (Ch 11), in the Bruel & Kjaer case (Ch 14), and in the Tax Payers' case (Ch 15)?

*Leta efter stilar från alla kapitel 2-5!*

*Danish Shipyard: Kap 5.2.1.1.1, Kap 5.4, Kap 5.2.4, Fig 11.1, Fig 11.10*

*Bruel & Kjaer: R-4*

*Tax Payers': R2, R3,*

*Hitta gärna fler egna exempel på kravtyper i specarna!*

3.7) For your own project (or Ticket Machine if own project is not applicable, page 543):

a) Specify a Context diagram (Ch 3.2). If you feel you don't know enough, make your best guess and state what you would like to discuss with the customer.

b) Write Task descriptions (Ch 3.6) for two to three user tasks. If suitable, write Tasks & Support (Ch 3.8) rather than simple Task descriptions.

e) Make a dataflow diagram for part of the system (choose an appropriate level). Discuss the differences between the dataflow diagram and the task description.

f) Which functional requirement styles would you suggest using in this case? Consider all of the styles mentioned in Chapter 3 (+2, 4) and not only the styles you used above.

Att göra hemma:

3.5) Compare Dataflow diagrams and Task descriptions, for instance based on these factors:

- Precision of input/output
- Precision of function
- Precision of user tasks
- Customer understanding
- Developer understanding
- Problem description
- Design independence
- Verification

*Se kap 3.6 och 3.14*