

Softwarekonstruktion - Exercise 10

10 A Process for Specifying Component-Based Software by Cheesman and Daniels

This exercise should be solved until Friday, January 14th, 2011.

10.1 Workflow

Explain the workflow of the process defined by Cheesman and Daniels in your own words based on the diagram presented on slides 307 and 308. Explain every box and every line contained in the diagram.

10.2 Requirements Definition: Cancel a Reservation

Consider the hotel reservation example presented in the lecture (e.g. slide 330). Describe the use case, i.e. specify its name, initiator, goal, main success scenario, extensions, and variations. If necessary, modify the use case diagram presented in the lecture.

10.3 System Interface Identification: Cancel a Reservation

Identify and specify the dialog type and system interface based on the use case *Cancel a Reservation* (see slides 343 – 345 for a guideline).

10.4 Requirements Definition: Update a Reservation

Consider the hotel reservation example presented in the lecture (e.g. slide 330). Describe the use case, i.e. specify its name, initiator, goal, main success scenario, extensions, and variations. If necessary, modify the use case diagram presented in the lecture.

10.5 System Interface Identification: Update a Reservation

Identify and specify the dialog type and system interface based on the use case *Update a Reservation* (see slides 343 – 345 for a guideline).