

EXERCISE I

The purpose of this exercise is for you to practice creating a conceptual model of a database. If you are unsure how to proceed you can recall the lectures and the examples we have presented and worked with. You can also find further information about relational model, conceptual modelling, E/R-modeling and normalisation in chapter 4, 16, 12 and 14, or also search for information on internet.

Exercise description

Halmstad hospital wants a database that makes it possible to save contact information for patients and doctors, as well as their appointments. They have already identified four objects needed in the database: *Doctor*, *Patient*, *ZipCode* and *Appointment*. Your assignment is to create a conceptual model for the database based on these four objects. You have to add attributes to and relationships between these objects. Use UML-notation in your model.

When you have finished the assignment you can send in your solution and receive a proposed solution in return.