The following is a <u>schema</u> solution: it provides only the answers that cannot be found directly in books, or that are especially difficult. Answers are just sketched out.
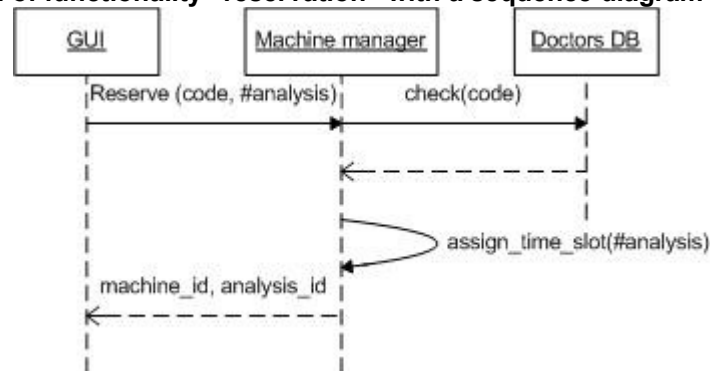
Q1: RUP
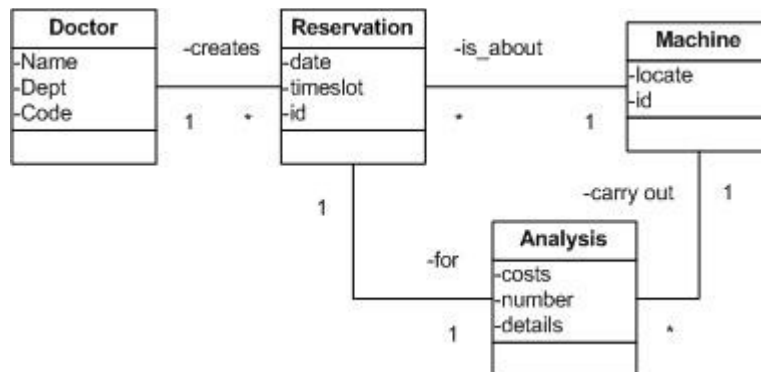   see chapter 3 of the book (revised version, online on BB).

Q2: Moscow list: 2.c
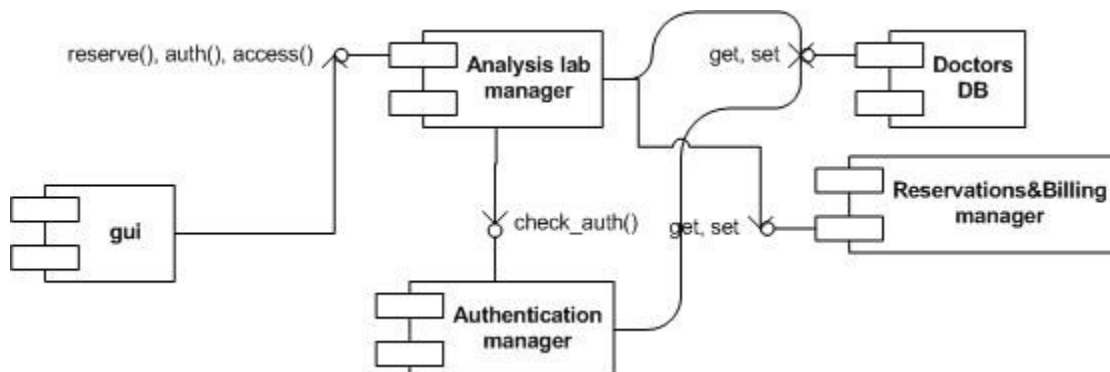
Q3: Testing activities: 3.a, 3.d

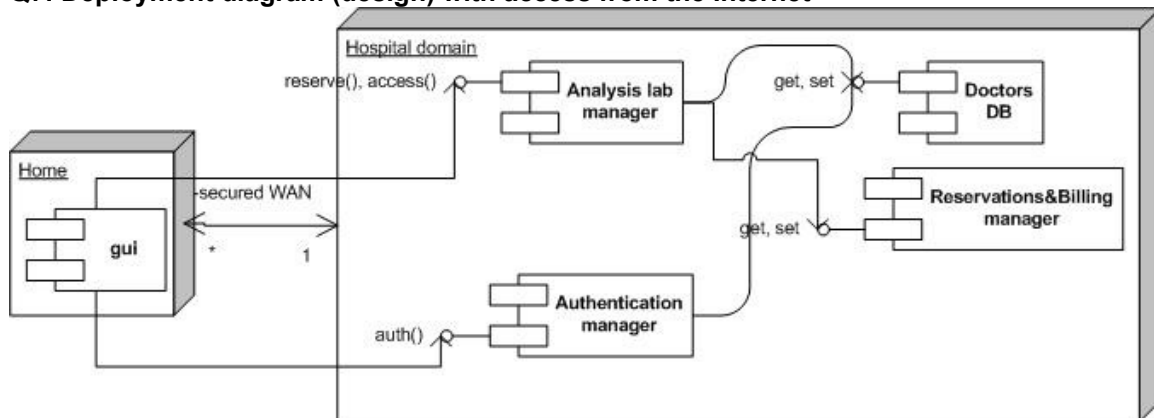**Q4: Specification of functionality "reservation" with a sequence diagram**

Q5: Data model

Q6: Component diagram (design)

Q7: Deployment diagram (design) with access from the Internet

Explaination of the differences with the solution given for Q6: The GUI first requires the doctor to authenticate; to this aim, the Authentication manager component must be modified. Once authenticated, the doctor can access the functionalities of the Analysis lab manager. The latter is modified as it does not need to check the identity of the doctor anymore.
Further, both manager components must be modified here to (1) enable distributed access to their interfaces, and (2) to make communication secure.