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Course: CS4460

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Class-Test: 1

Ans-1 Business classes are those that have a counterpart in the real world like tree, student, office, patient etc.

The discovery of business classes and their relationship is the main task of analysis.

Utility classes are those that have a direct counterpart in the real world and are used to create objects that manage the responsibilities of the information system, to interact with the outside world to make communication among business objects possible and to save information when required.

Command buttons, menus and dropdown lists are a few classes.

Discovery and definition of utility classes and their relationships is the task of design.

ii> Class Attributes

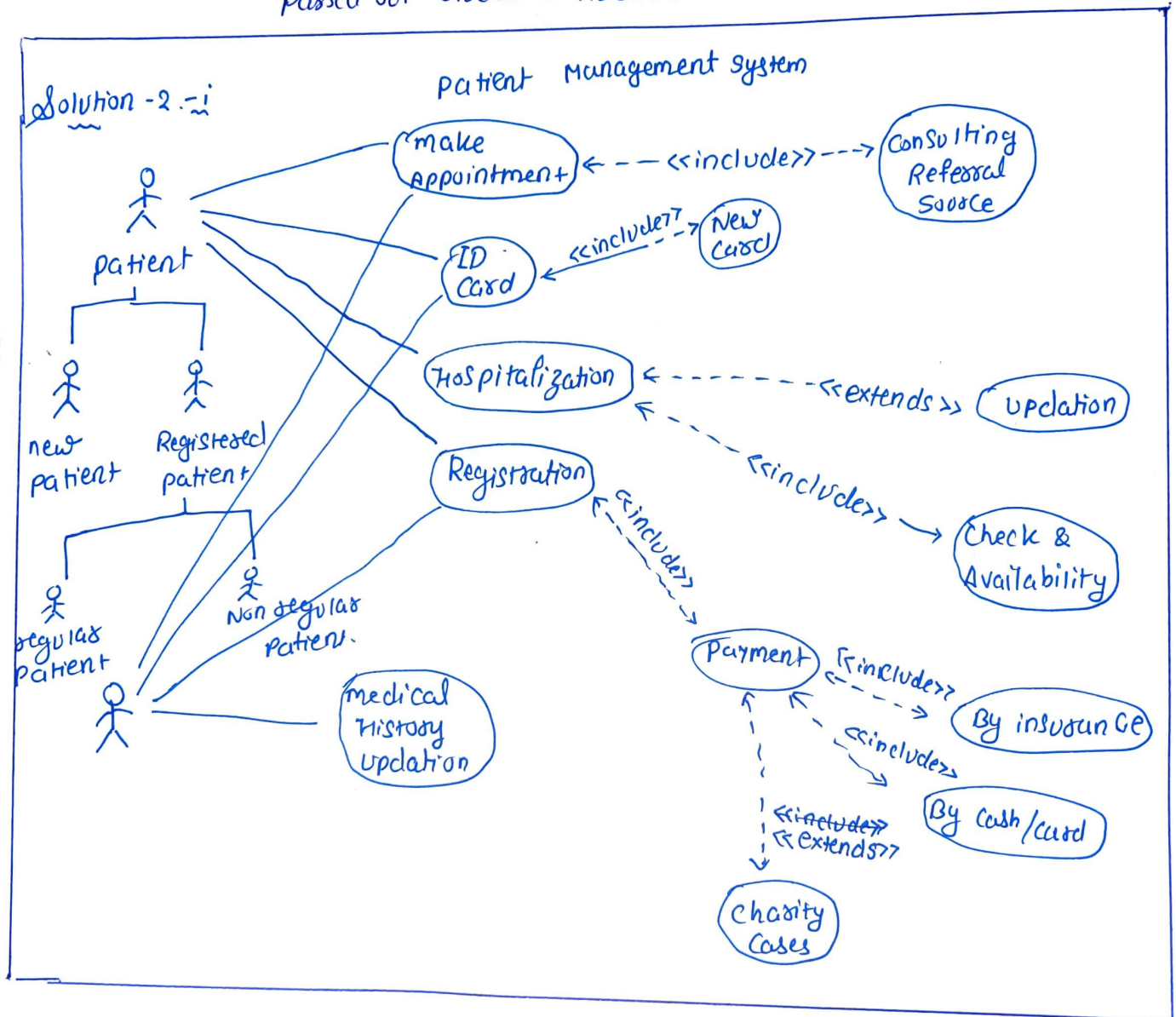
- Attributes are shown in the second partition
- Attributes type is shown after the colon.
- Attributes map onto member variables (data members) in code.

Class Operations (Methods)

- Operations are shown in third partition. They are services the class provides
- The return type of a method is shown after the colon at the end of method signature
- Operations map onto class methods in code

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Ans - iii> Residential Students, Foreign Students,
Passed out Students, Rusticated Students.



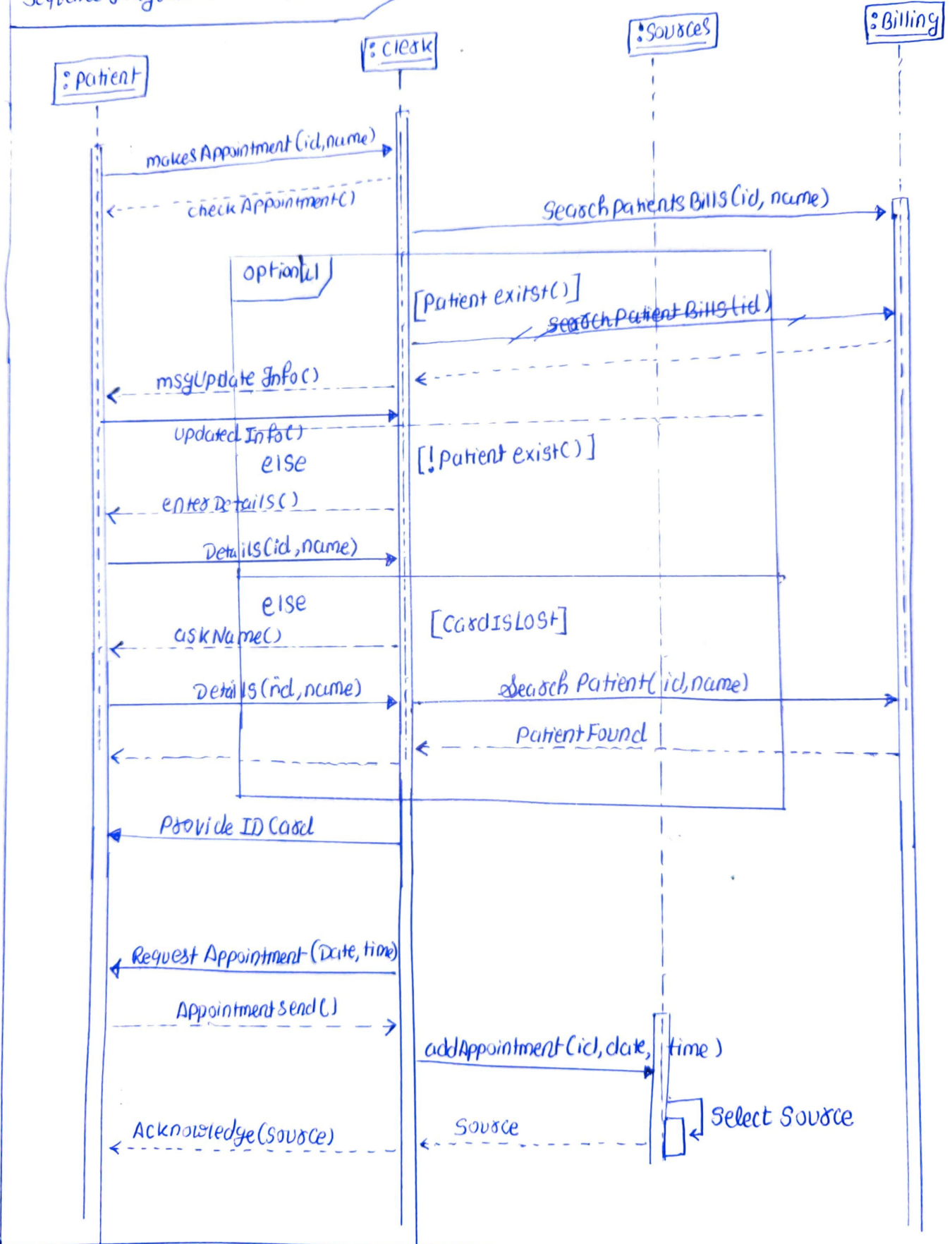
Solution 2 - iii>

Assumptions:- 1> Billing class stores all history and details of old and Current Customers.

2> ID Card is only provided in case user has lost ID Card or its a new user.

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Sequence Diagram Make Appointment



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