

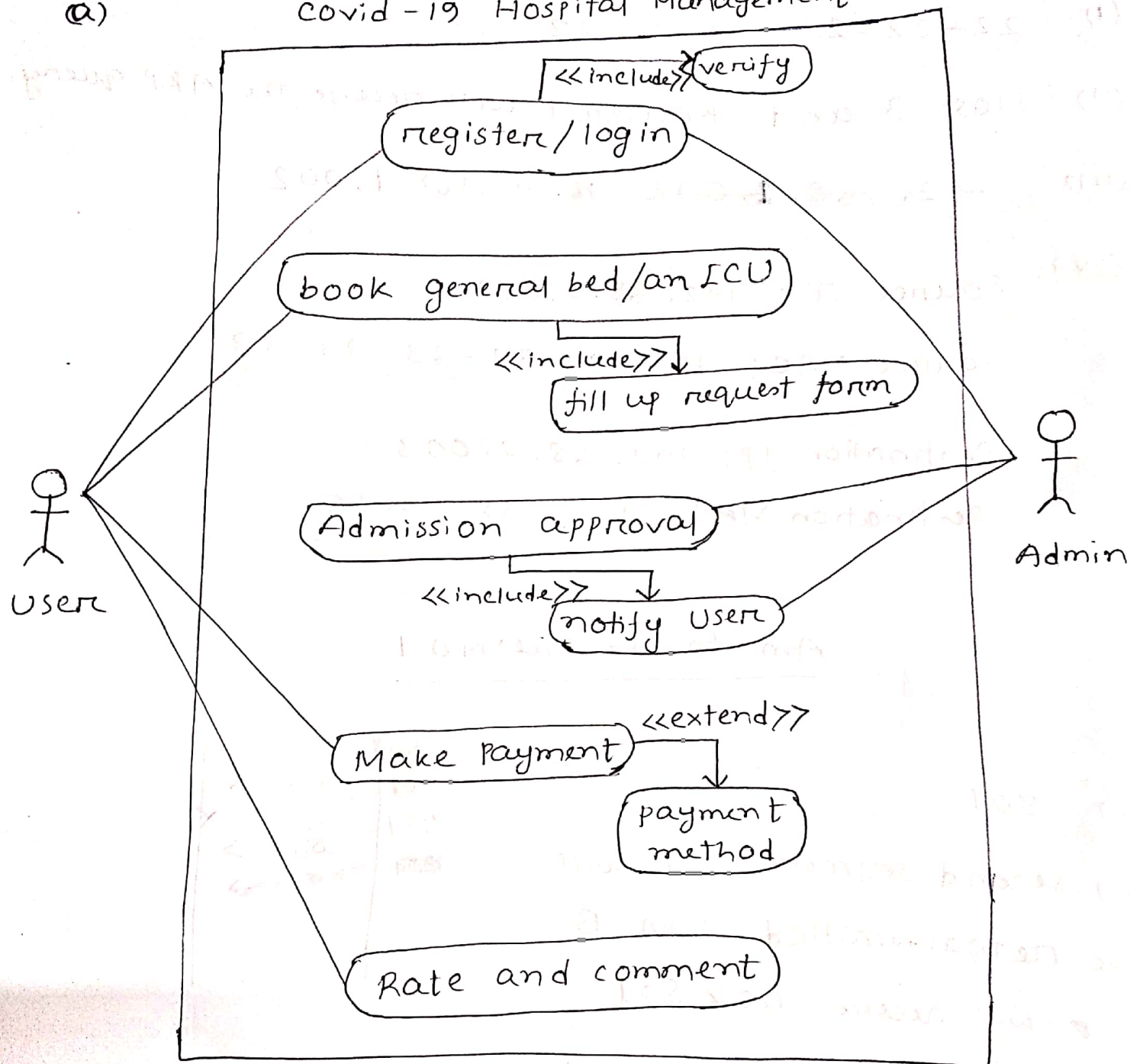
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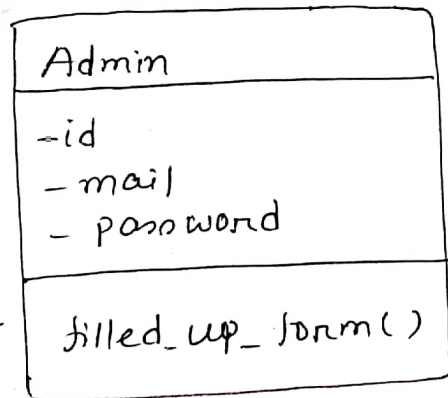
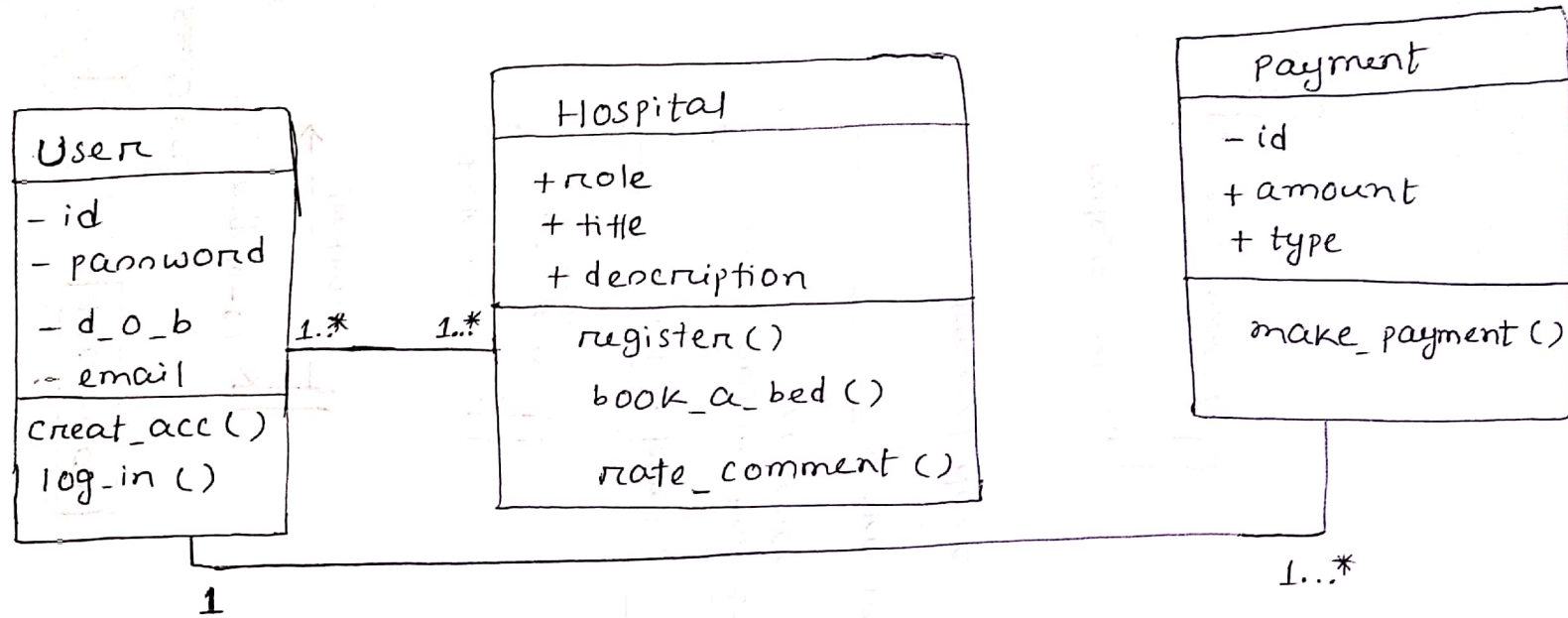
a)

Covid-19 Hospital Management



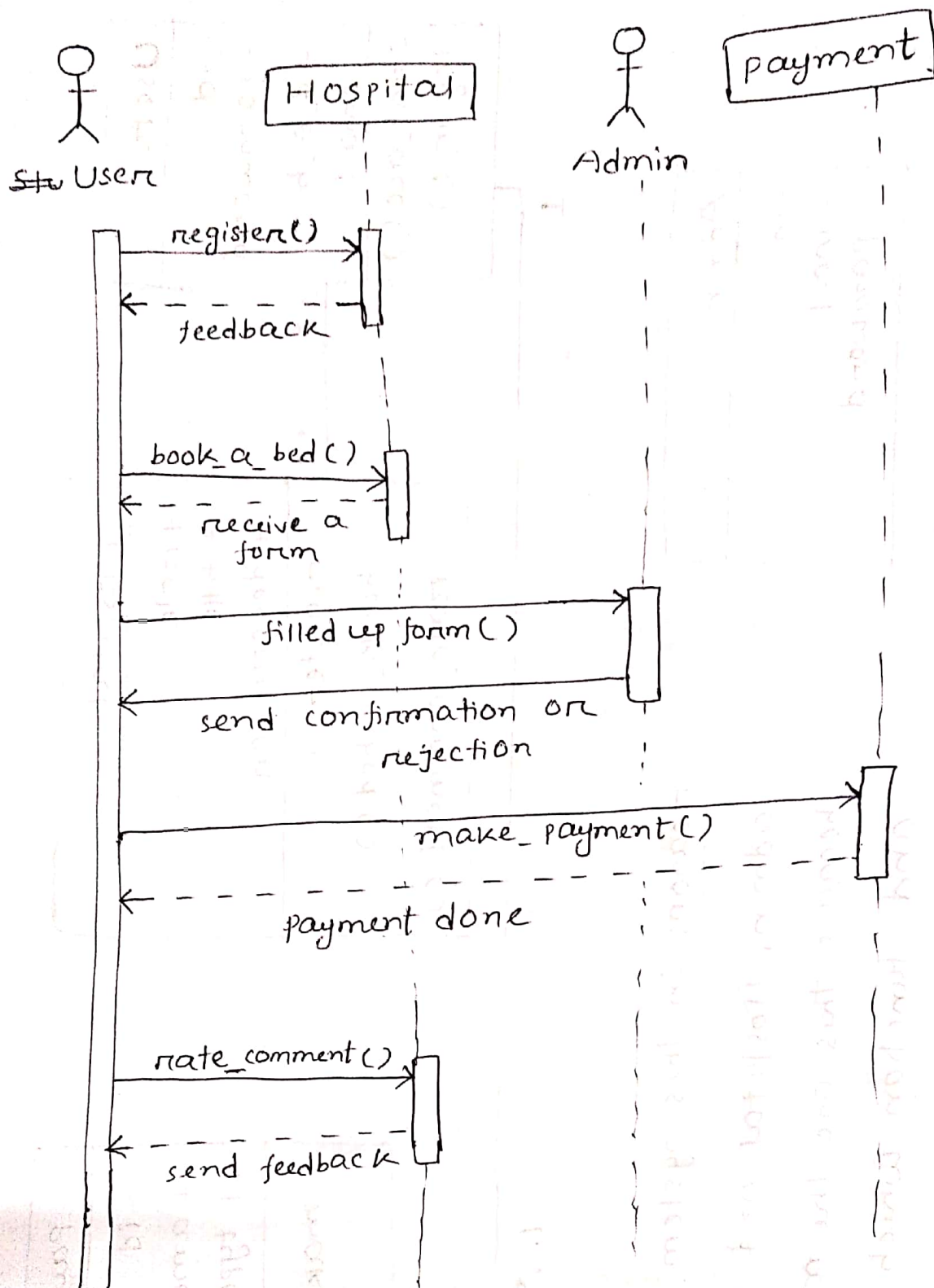
USE CASE Diagram

(b) CLASS Diagram

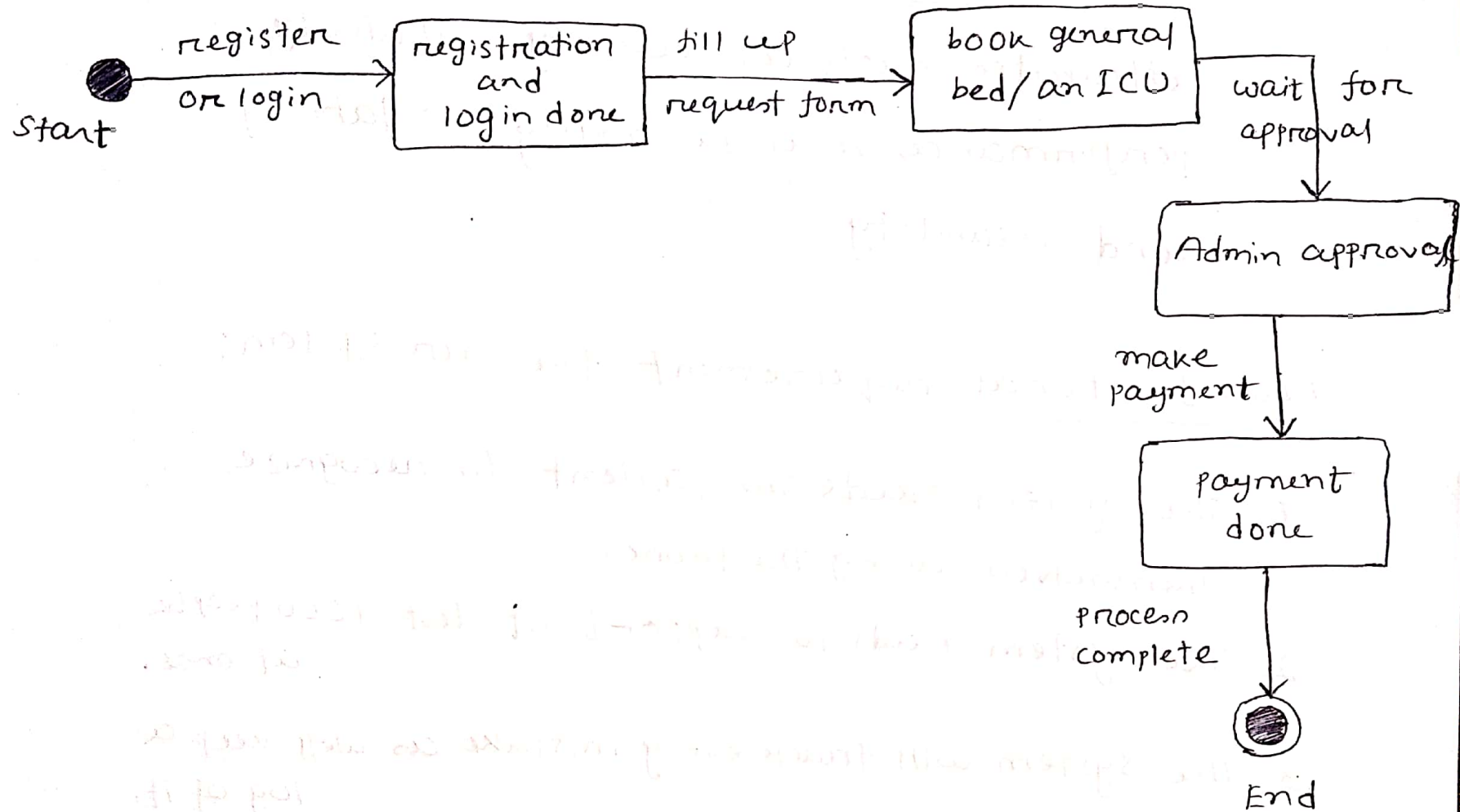


reason: In this system, I choose user, admin, Hospital and payment class. because this are the main actors and function which actually related to our covid-19 Hospital Management system.

(c) Sequence Diagram



(d) State Diagram



Ans; to; the Que; NO: 2

(a) Functional Requirements: It defines a function of a system or its component, where a function is described as a specification of behavior between inputs and outputs. It also specifies the particular results of a system.

Non-functional Requirements: It defines system attributes such as security, reliability, performance, maintainability, scalability and usability.

Non functional requirement for our system:

1. The system needs the patient to recognize themselves using the phone.
2. The system needs to support at least 1000 people at once.
3. The system will track every mistake as well keep a log of it.
4. The system is available all the time.