

VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY
UNIVERSITY OF TECHNOLOGY
FACULTY OF COMPUTER SCIENCE AND ENGINEERING



DATABASE SYSTEMS (CO2014)

Assignment Report

Database Systems Assignment 1

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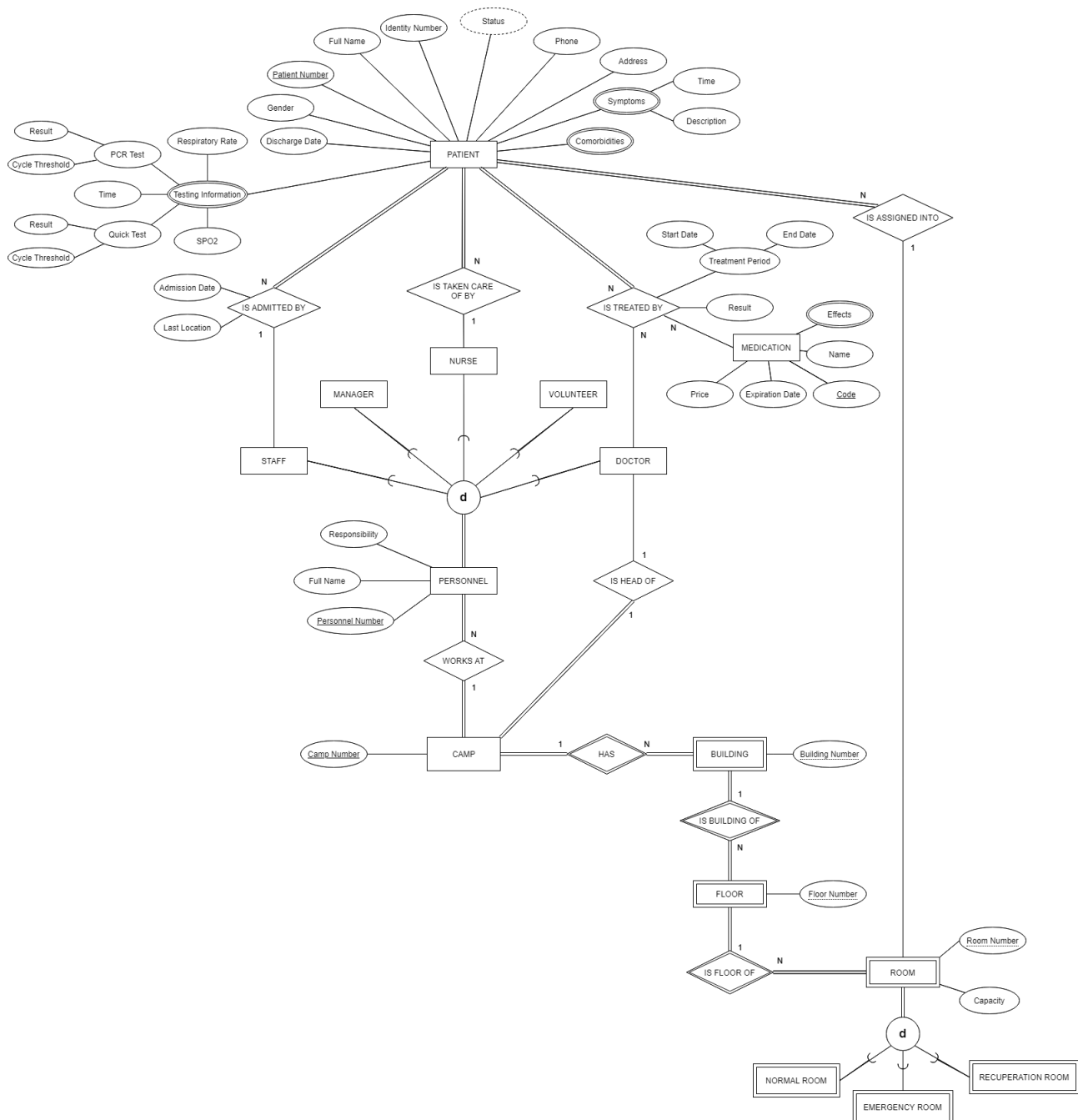
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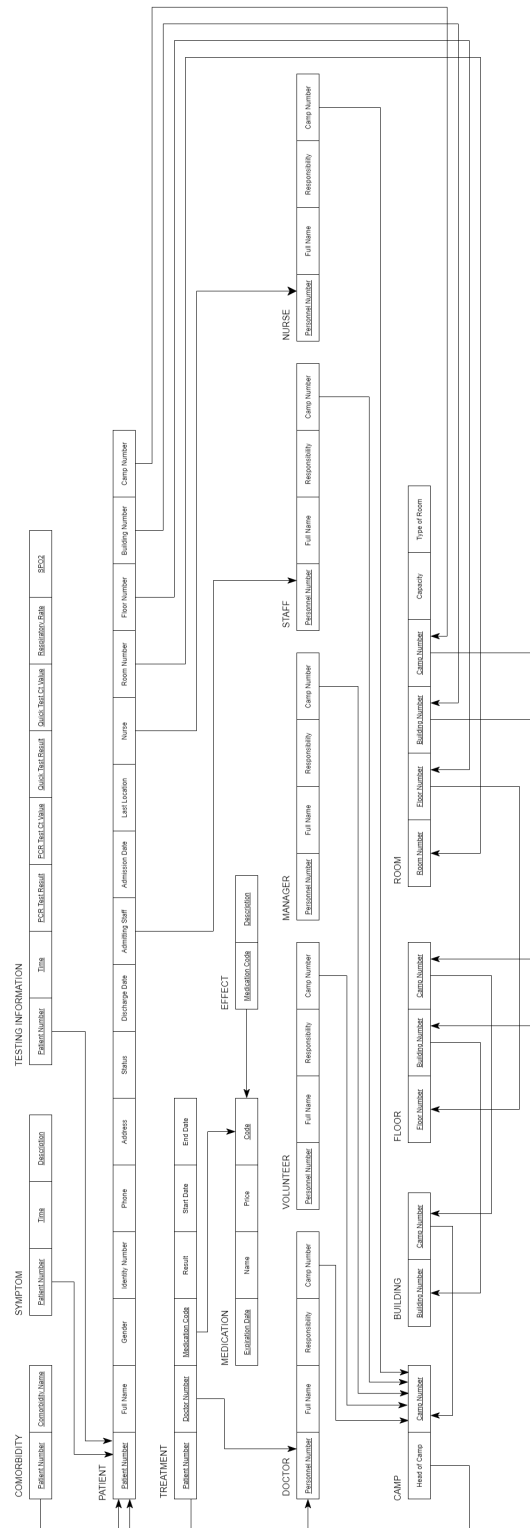
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1 EER Diagram



2 Relational Schema





3 Constraints not shown in EER Diagram

- If the SPO2 is smaller than 96% and the respiratory rate is larger than 20 breaths per minute, the patient is marked “warning” and needs a healthcare action from the doctors.
- In case the patient has no clinical sign and the test is either negative or positive whose cycle threshold is larger than 30, he or she will be discharged from the camp.
- If neither of the above, the patient will be tested for every 3 days by Quick test.
- Sometimes, a patient is moved from his or her room to the emergency room or the recuperation room. So, it is important to track a patient location history.