Alexandria University 

Faculty of Computer and Data Science

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Course Name: Advanced Data base

A General Hospital consists of a number of specialized wards. Each ward is described by ward\_id, Name

• The system records the following details about people interacting with the system

patients: Patient\_id, name, Date\_Of\_Birth, address

EMployee: employee\_id, name, Date\_Of\_Birth,address,salary

physician: physician \_id, name, Date\_Of\_Birth, address ,physician speciality,salary

nurse:name,number,address,salary

• Each ward may host one or more patients and each patient is hosted by only one ward.

• Each patient is assigned to one leading physician but may be examined by another physician, if required.

• Each physician may be assigned one or more patients and may examine one or more patients.

• The system has to record all required data each time the Nurse gives a patient a certain drug with specified dosage at certain time.

• A drug has code number, recommended dosage and more than one brand name

• Each ward is under supervision of one nurse and a nurse may supervise only one ward.

• Each Nurse must serve in one ward



