COMP3611 A5

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Data requirement

Charge Nurse:

1. Each ward and the outpatient clinic have a member of staff with the position of Charge Nurse. The Charge Nurse is responsible for overseeing the day-to-day operation of the ward/clinic.

2. The Charge Nurse is allocated a budget to run the ward and must ensure that all resources (staff, beds, and supplies) are used effectively in the care of patients.

3. A Charge Nurse is responsible for setting up a weekly staff rotation, and must ensure that the ward/clinic has the correct number and type of staff on duty at any time during the day or night. In a given week, each member of staff is assigned to work an early, late, or night shift.

4. The Charge Nurse and other senior medical staff are responsible for the allocation of beds to patients on the waiting list. The details of patients currently placed in a ward and those on the waiting list for a place on a ward are recorded.

5. When required, the Charge Nurse may obtain surgical, nonsurgical, and pharmaceutical supplies from the central stock of supplies held by the hospital. This is achieved by ordering supplies for the ward using a requisition form.

Medical Director:

1. Supervises all the staff in the hospital, keeping track of the information of all staff.

2. Supervises the operation of all wards, including the use of each bed.

3. Supervises the operation of outpatient clinic.

4. Monitored the supplies used by each ward. The details of surgical and nonsurgical supplies include the item number and name, item description, quantity in stock, reorder level, and cost per unit. The item number uniquely identifies each type of surgical or nonsurgical supply.

5. Monitored the pharmaceutical supplies used by each ward. The details of pharmaceutical supplies include drug number and name, description, dosage, method of administration, quantity in stock, reorder level, and cost per unit. The drug number uniquely identifies each type of pharmaceutical supply.

| Entity name | Attributes | Description | Data type &Length | Nulls | Multi-valued |
| --- | --- | --- | --- | --- | --- |
| Medical Director | Staff Number  First Name  Last Name  Age  Gender  Telephone Number | The ID of staff  First Name of Director  Last Name of Director  Age of Director  Gender of Director  Telephone number of Director | 4 variable characters  15 variable characters  15 variable characters  Number  1 character (M or F)  20 variable characters | No  No  No  No  No  No | No  No  No  No  No  No |
| Charge Nurse | Staff Number  First Name  Last Name  Age  Gender  Clinic Number      Ward Number      Ward Name      Telephone Number | The ID of staff  First Name of Nurse  Last Name of Nurse  Age of Nurse  Gender of Nurse  The Number of Clinic that the nurse is responsible for  The Number of Ward that the nurse is responsible for  The Name of Ward that the nurse is responsible for  The Telephone Number of Nurse | 4 variable characters  15 variable characters  15 variable characters  Number  1 character (M or F)  4 variable characters      6 variable characters      20 variable characters      20 variable characters | No  No  No  No  No  Yes      Yes      Yes      No | No  No  No  No  No  No      No      No      No |