***Business Rules – Relationship Between Entities* Conceptual**

* A ward must be assigned only one ward sister

A ward sister must be only assigned to one ward. (1:1)

* A ward can be assigned to many patients

A patient must be assigned to one ward. (1: Many)

* A ward may be assigned to many nurses

A nurse may be assigned to many wards. (Many: Many)

* A hospital can hold many wards

A ward can only be assigned to one hospital. (1: Many)

* A ward can be assigned to many staff

Staff can be assigned to many wards. (Many: Many)

* A ward sister can be assigned to many patients

A patient can only be assigned to one ward sister. (1: Many)

* A ward sister can be assigned to many nurses

A nurse can be assigned to many ward sisters. (Many: Many)

* A patient can be operated on by many consultants

A consultant can operate on many patients. (Many: Many)

* A patient can take many medicines

A medicine can be taken by many patients. (Many: Many)

* A patient must only be assigned to one hospital

A hospital can hold many patients. (1: Many)

* A patient can be looked after by many staff

Many staff can look after many patients. (Many: Many)

* A patient can have many charges

A charges can be paid for by only one patient. (1: Many)

* A patient can be assigned to only one record

A record can be assigned to many patients. (1: Many)

* A hospital can assign many consultants

A consultant can be assigned to only one hospital. (1: Many)

* Many staff can be a consultant

Many consultants can be a staff member. (Many: Many)

* A hospital can assign many nurses

A nurse can be assigned to only one hospital. (1: Many)

* Many staff members can be a nurse

Many nurses can be a staff member. (Many: Many)

* Many nurses can use medicine

Many medicines can be used by nurses. (Many: Many)

* Many medicines can be in a hospital

A hospital can have many medicines. (Many: Many)

* Staff can use many medicines

Medicines can be used by many staff. (Many: Many)

* Many medicines can be assigned to a patient record

A patient record can contain many medicines. (Many: Many)

* A hospital can have many staff

Staff can only be assigned to one hospital. (1: Many)

* A hospital can have many patient records

A patient record can only be assigned to one hospital. (1: Many)

* Many staff can be assigned to a patient record

A patient record can be assigned to many staff. (Many: Many)

* A charge can have many costs

A cost can only have one charge. (1: Many)

* A patient record can have many costs

Costs can be assigned to many patient records. (Many: Many)