

**Relational Model**

<b>Staff</b> (staffNo, firstName, lastName, address, phoneNo, position, weeklyHours, shift) Primary key staffNo
<b>Specialist</b> (staffNo, specialistType) Primary key staffNo, specialistType Foreign key staffNo references Staff(staffNo)
<b>Ward</b> (wardNo, wardName, phoneNo, location, numberOfBeds, staffNo) Primary key wardNo Foreign key staffNo references Staff(staffNo)
<b>Bed</b> (bedNo, wardNo) Primary key bedNo, wardNo Foreign key wardNo references Ward(wardNo)
<b>LocalClinic</b> (docName, clinicNo, docAddress, docPhoneNo) Primary key docName, clinicNo
<b>StaffSchedule</b> (shift, weekNo, staffNo, wardNo) Primary key staffNo, wardNo, weekNo Foreign key staffNo references Staff(staffNo) Foreign key wardNo references Ward(wardNo)
<b>Supplier</b> (supplierNo, supplierName, supplierAddress, supplierPhoneNo, supplierFaxNo) Primary key supplierNo
<b>GeneralSupply</b> (itemNo, itemName, itemDesc, stockQuantity, reorderLevel, unitCost, supplierNo) Primary key itemNo Foreign key supplierNo references Supplier(supplierNo)
<b>PharmSupply</b> (drugNo, drugName, drugDesc, dosage, stockQuantity, reorderLevel, unitCost, supplierNo) Primary key drugNo Foreign key supplierNo references Supplier(supplierNo)
<b>Requisition</b> (reqNo, staffNo, wardNo, itemNo, DrugNo, quantReq, orderDate, dateReceived) Primary key reqNo Foreign key staffNo references Staff(staffNo) Foreign key wardNo references Ward(wardNo) Foreign key itemNo references GeneralSupply(itemNo) Foreign key DrugNo references PharmSupply(drugNo)

<p><b>Patient</b> (patientNo, firstName, lastName, address, phoneNo, dob, maritalStatus, docName, clinicNo, immFamPhoneNo) Primary key patientNo Foreign key docName, clinicNo references LocalDoctor(docName, clinicNo) Foreign key immFamPhoneNo, patientNo references immFamContact(patientNo, immFamPhoneNo)</p>
<p><b>ImmFamContact</b> (immFamFirstName, immFamLastName, immFamRelationship, immFamAddress, immFamPhoneNo, patientNo) Primary key patientNo, immFamPhoneNo Foreign key patientNo references Patient(patientNo)</p>
<p><b>Appointment</b> (apptNo, apptDate, apptTime, examRoom, patientNo, staffNo, staffLastName) Primary key apptNo Foreign key patientNo references Patient(patientNo) Foreign key staffNo references Staff(staffNo)</p>
<p><b>Inpatient</b> (patientNo, waitListDate, reqWard, datePlacedWard, expDurStay, dateLeftWard, bedNo, wardNo, staffNo) Primary key patientNo, waitListDate, datePlacedWard Foreign key patientNo references Patient(patientNo) Foreign key bedNo references Bed(bedNo, wardNo) Foreign key staffNo References Staff(staffNo)</p>
<p><b>Outpatient</b> (patientNo, outApptDate, outApptTime) Primary key patientNo, outApptDate Foreign key patientNo references Patient(patientNo)</p>
<p><b>Medication</b> (unitsPerDay, startDate, finishDate, patientNo, staffNo, drugNo) Primary key drugNo, patientNo, staffNo, startDate Foreign key drugNo references PharmSupply(drugNo) Foreign key patientNo references Patient(patientNo) Foreign key staffNo references Staff(staffNo)</p>