Group 2: Entity Relationship Diagram

Patients
- nhs_number
- patient_name
- patient_prename
- patient_address
- DoB
- Gender
- doctor_id

Hospitals
- Unique Name
- Address
- Size (number of beds)
- Type
- Emergency
- Accreditation Year

Appointments
- appointment_id
- hospital_name
- nhs_number
- docto_id
- appointment_date

Prescriptions
- prescription_id
- nhs_number
- doctor_id
- medication_id
- disease_id
- prescription_date

Medications
- medication_id
- api
- dosage
- dosage_unit
- dosage_form
- route
- manufacturer

Doctors
- doctor_id
- doctor_name
- doctor_prename
- doctor_address
- hospital_name
- disease_id
- number_of_patients
- DoB

Diseases
- disease_id
- disease_name
- medication id
- doctor_id

Lab results
- test_id
- nhs_number
- doctor_id
- hospital_name
- test_date
- test_result

Relationships:
- One - to - many
- One hospital - many appointments
- One Doctor - many appointments
- One hospital - many doctors
- One patient can have many prescriptions
- One doctor - many patients
- One doctor - many prescriptions
- One medication - many prescriptions
- One Doctor - One Disease
- One Doctor can request many tests
- One disease - many prescritpions
- One patient - many tests