Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description
staff						
staff_id	PK	serial		NOT NULL, UNIQUE		Unique Staff ID
staff_fname		varchar	30	NOT NULL		Forename
staff_Iname		varchar	30	NOT NULL		Surname
staff_dob		date		NOT NULL		Date of birth
staff_phone		varchar	15	NOT NULL		Phone no.
staff_email		varchar	40	NOT NULL		Email
staff_add1		varchar	40	NOT NULL		1st Address line
staff_add2		varchar	40			2nd Address Line
staff_county		varchar	40			County
staff_postcode		varchar	8	NOT NULL		Post Code
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description
staff_nurse		7,111				
nurse_id	PK/FK	int		NOT NULL	staff.staff_id	Unique Nurse ID
is_head_nurse		boolean		NOT NULL	_	Is currently head nurse in ward?
nurse_ward	FK	int		NOT NULL	ward.ward id	Ward currently working on
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description
staff_doctor						
doctor_id	PK/FK	int		NOT NULL	staff.staff_id	Unique Doctor ID
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description
doctor_treatment						
doc_treat_id	PK/FK	int		NOT NULL, UNIQUE	staff_doctor.doctor_no & treament.treatment_no	Unique Doctor Treatment matchup ID - Composite Key
doc_treat_comments		varchar	40			Comments on particular treatment/doctor combination
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description
treatment						
treatment_id	PK	serial		NOT NULL, UNIQUE		Treament ID
treament_start		date		NOT NULL		Start of treatment
treament_end		date				End of treatment - leave blank if incomplete
treatment_desc		varchar	100			100 char. description of treatment
complaint_no	FK	int		NOT NULL	complaint.complaint_id	Relevant submitted complaint
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description

complaint_id	PK	serial		NOT NULL, UNIQUE		Complaint ID	
complaint_date		date		NOT NULL		Date complaint was submitted	
complaint_desc		varchar	40	NOT NULL		40 char. description of complaint.	
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.		Description
general_practitioner							
gp_id	PK	serial		NOT NULL, UNIQUE		GP ID	
gp_name		varchar	60	NOT NULL, UNIQUE		GP Name	
gp_add1		varchar	40	NOT NULL		GP 1st line of address	
gp_add2		varchar	40			GP 2nd line of address	
gp_county		varchar	30			GP County	
gp_postcode		varchar	8			GP Postcode	
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.		Description
patient							
patient_id	PK	serial		NOT NULL, UNIQUE		Unique Patient ID	
patient_fname		varchar	30	NOT NULL		Forename	
patient_Iname		varchar	30	NOT NULL		Surname	
patient_dob		date		NOT NULL		Date of birth	
patient_phone		varchar	15	NOT NULL		Phone no.	
patient_email		varchar	40	NOT NULL		Email	
patient_add1		varchar	40	NOT NULL		1st Address line	
patient_add2		varchar	40			2nd Address Line	
patient_county		varchar	40			County	
patient_postcode		varchar	8	NOT NULL		Post Code	
patient_gp	FK	int	6	NOT NULL	gp.gp_id	Foreign Key - Patient's GP records	
patient_ward	FK	int	6	NOT NULL	ward.ward_id	Foreign Key - Patient's Ward	
patient_comments		varchar	200			Comments	
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.		Description
ward							
ward_id	PK	serial	6	NOT NULL		Unique Ward ID	
ward_name		varchar	30	NOT NULL		Ward Name	
ward_specialty	FK	int	6	NOT NULL		Ward Specialty No	
ward_comments		varchar	100			Comments	
Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.		Description
ward_speciality							
specialty_id	PK	serial	6	NOT NULL		Specialty No	

:	specialty_name		varchar	20	NOT NULL		Specialty Name
	specialty_comments		varchar	40			Comments
	Attribute Name	PK/FK	Data Types	Size	Constraints	FK Ref.	Description
	patient_complaint						
	pat_com_id	PK/FK	int		NOT NULL, UNIQUE	patient.patient_ID & complaint.complaint_id	Unique Doctor Treatment matchup ID - Composite Key
	pat_com_comments		varchar	40			Comments on particular patient complaint combination