Attributes Data Dictionary

Student Name: Zhulin Lyu   Student ID: 24516605
Student Name: Student ID:

Entity or Relationship Name	Attributes	Description	Data Type and Length	Nulls	Multi-valued
Clinic	clinicNo	The number of this clinic	INT(3)	no	no
	clinicName	The Sharp Vision Eye Clinic	VARCHAR(30)	no	no
Surgeon	surgeonID	PK; a unique identifier code	CHAR(2)	no	no
	name	A name combination of family name ,personal name and title	VARCHAR	no	no
	fName	Composite of name	VARCHAR(20)	no	no
	lName	Composite of name	VARCHAR(20)	no	no
	title	Composite of name	CHAR(4)		
	phoneNum	contact number	CHAR(14)	no	no
	qualification	What kinds of qualifications dose the surgeon have	VARCHAR(10)	no	1..3
Room	roomNo	PK; to identify a unique room	INT(3)	no	no
	roomName	The name of this room. Like x-ray room	VARCHAR(5)	no	no
	facility	What kinds of facilities are in this room	VARCHAR(10)	Yes	1..*
Client	clientNo	PK; when they first become associated with the clinic and is	INT(8)	no	no

		used for them thereafter			
	Name	A name combination of family name and personal name	VARCHAR	no	no
	fName	Composite of name	VARCHAR(20)	no	no
	lName	Composite of name	VARCHAR(20)	no	no
	address	A address combination of street address and postcode	VARCHAR	no	no
	street	street address	VARCHAR(45)	no	no
	postcode	postcode (S 4)	CHAR(4)	no	no
	phoneNum	contact number	CHAR(14)	no	1~3
Customer	payment	What kind of payment the customer can use	VARCHAR(10)	no	1~3
Patient	medicareNo	PK; who is actually need to be treat	CHAR(12)	no	no
	DOB	Patient's birthday	CHAR(10)	no	no
Treatment	treatmentID	PK; what kind of treatment dose this clinic can provide	CHAR(4)	no	no
	Description	The detail of this treatment.	VARCHAR(20)	no	no
Service	prescribedCode	PK; the number of this service	CHAR(4)	no	no
	description	The detail of this service.	VARCHAR(20)	no	no
	serviceFee	the current service fee	INT(3)	no	no
Appointment	startDate	PK; a particular date and starting time	CHAR(10)	no	no
Invoice	invoiceNo	PK; a unique invoice number	INT(5)	no	no

	createDate	When it create	CHAR(10)	No	no
	finalDate	When updating status, need to update this date too	CHAR(10)	no	No
	clinicalComment	if one is provided	VARCHAR(200)	yes	no
	totalFee	Derived attribute. The amount from this appointment	INT(4)	no	no
	status	'C'("completed") 'B' ("bill sent") 'P' ("paid")	CHAR(1)	no	no
Bill	billNo	PK;	CHAR(10)	no	no
	amount	How much about this bill	INT(3)	no	no
	payTime	When and what time the bill is paid	CHAR(20)	no	no
Schedule	startDate	Unique Constraint. It means when appointment will start according to the schedule.	CHAR(10)	No	no
	startTime	Unique Constraint. It means what time appointment will start according to the schedule. It is made in hour blocks; on the hour.	CHAR(10)	no	No