

Pharmacist Key Performance Indicator Database Model - Database Design Document

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Data Dictionary

Entity	Attributes	Attribute_Notes	Data_Type
Employees	Emp_UserID (PK)	Unique user identification number provided at time of hire	INT
	Last_Name	Employee last name	VARCHAR(30)
	First_Name	Employee first name	VARCHAR(30)
	Initials	Employee initials	VARCHAR(3)
	Role_Type (FK)	Employee role (manager, pharmacist, admin)	VARCHAR(10)
	Start_Date	Employee hire date	DATE
	Train_Cmpl_Date	Date that employee completes training period	DATE
	End_Date	Date employee leaves company	DATE
	Leave_Date	Date employee begins leave of absence	DATE
	Status	Employee status: Active, On Leave, Inactive	VARCHAR(9)
Role	Role_Type (PK)	Role of employee: mngr, rph, admin. Only mngr will access the db, but roles may be used for permissions to DB later.	VARCHAR(5)
	Role_Name	Full name of role: manager, pharmacist, administrative	VARCHAR(14)
Patient	Insrdr_ID (PK)	Unique insured identification number from benefit plan	INT
	Last_Name	Patient last name	VARCHAR(30)
	First_Name	Patient first name	VARCHAR(30)
	Patient_DOB	Patient date of birth	DATE
Appointments	Appt_ID (PK)	Primary Key	INT
	Insrdr_ID (FK)	Insrdr_ID from Patient table	INT
	Appt_Date	Appointment date	DATE
	Appt_Time	Appointment time	TIME
	Appt_Type	Appointment type: Initial or Follow-up	VARCHAR(9)
	Appt_Status	Appointment status: Scheduled, Missed, Canceled, or Completed	VARCHAR(9)
	Emp_UserID (FK)	Emp_UserID from Employee table	INT
	Appt_Sequence (PK)	Calculated field: Insrdr_ID+Appt_Date+Appt_Time	VARCHAR(36)
MRP	MRP_ID (PK)	Primary key	INT
	Insrdr_ID (FK)	Insrdr_ID from Patient table	INT

	MRP_Type	Indication, Safety, Effectiveness, Adherence	VARCHAR(13)
	Create_DateTime	Date MRP is created	SMALLDATETIME
	Create_Emp_UserID (FK)	Emp_UserID from Employee table; employee who created MRP	INT
	Resolution_DateTime	Date MRP is resolved	SMALLDATETIME
	Resolve_Emp_UserID (FK)	Emp_UserID from Employee table; employee who resolved MRP	INT
	MRP_Note	Notes related to MRP	VARCHAR(400)
DSA	DSA_ID (PK)	Primary key	INT
	Insrd_ID (FK)	Insrd_ID from Patient table	INT
	Assessment_DateTime	Assessment date and time	SMALLDATETIME
	Assessment_Category	Assessment category (refers to clinical indication, such as hypertension, diabetes, asthma/copd, etc.)	VARCHAR(100)
	Assessment_Question	Assessment question	TINYTEXT
	Assessment_Response	Assessment response	TINYTEXT
	Create_Date	Date DSA was created	DATE
	Create_Emp_UserID (FK)	Emp_UserID from Employee table	INT
	DSA_Response_Note	Note regarding DSA response	VARCHAR(400)
Lab_Coll_Offices	Office_ID (PK)	Primary key	INT
	Office_Type	Lab office type: lab, doctor's office, or hospital	VARCHAR(15)
	Office_Name	Name of office where lab was collected	VARCHAR(50)
	License_Number	License number or NDC of primary supervising doctor; possible 2nd primary key if readily available	VARCHAR(12)
	Address1	Lab office address line 1	VARCHAR(50)
	Address2	Lab office address line 2	VARCHAR(10)
	City	Lab office city	VARCHAR(50)
	State	Lab office state	VARCHAR(3)
	Zip_Code	Lab office zip code	VARCHAR(10)
	Phone_Number	Lab office phone number	VARCHAR(22)
	Fax_Number	Lab office fax number	VARCHAR(22)
	Contact_Name	Name of primary office contact	VARCHAR(50)
Lab_Summary	Lab_ID (PK)	Primary key	INT
	Insrd_ID (FK)	Insrd_ID from Patient table	INT
	Ordering_Provider	Physician or health provider that ordered labs for patient	VARCHAR(50)
	Received_Date	Date lab was received by Care One-to-One office	DATE
	Coll_Office_ID (FK)	Office_ID in Lab_Coll_Offices table	INT
	Collection_Date	Date specimens were collected	DATE
Lab_Detail	Lab_ID (FK)	Lab_ID from Lab Summary table	INT
	Lab_EntryID (PK)	Primary key	INT
	Lab_Category	Lab area or panel	VARCHAR(20)
	Lab_Item	Lab item tested	VARCHAR(50)
	Lab_Value	Value of lab item	DECIMAL(10,4)
Progress_Notes	ProgNote_ID (PK)	Primary key	INT
	Insrd_ID (FK)	Insrd_ID from Patient table	INT
	Create_Date	Date progress note was created	DATE

	ProgNote_Entry	Progress note text	VARCHAR(400)
	Create_Emp_UserID (FK)	Emp_UserID from Employee table	INT

Database Schema

