Design Name Dental_Clinic_Data_Model Version Date 10.12.2021 02:24:22

Address

No Column Name PK FK M Data Type Brind Domain Name Formula (Default Value) Security Abbreviation

Address

1 address_id P Y NUMERIC (4) LT

5 street_number Y VARCHAR (100) LT

Y VARCHAR (100) LT Y VARCHAR (100) LT

Y VARCHAR (100) LT

Version Comment

Table Name

Abbreviation Classification Type Name Object Type Name MV Prebuilt MV Query

Columns

3 city

4 zip_code

1 patient_id

2 first_name

3 last_name

5 phone_number

7 Discriminator

Columns Comments No Column Name

8 address_id

1 patient_id

2 first_name

3 last_name

5 phone_number

7 Discriminator

Patient_PK PK

Table Name

Functional Name Abbreviation Classification Type Name Object Type Name MV Prebuilt MV Query

Growth Interval

Columns

Indexes

No

1 report_id

2 description 3 Patient_patient_id

Report_PK PK

Table Name Functional Name

Abbreviation

Columns

1 treatment_id

3 medicine_name

5 Patient_patient_id

7 Doctor_doctor_id

Columns Comments

4 date

No Column Name

Treatment_PK PK

Foreign Keys (referring to)

Foreign Keys (referred from)

Name

Table Name

Functional Name Abbreviation

Growth Interval

2 young_id

Columns Comments No Column Name

Young_PK

Young_young_id_UN UK Foreign Keys (referring to)

Columns

Classification Type Name Object Type Name MV Prebuilt MV Query

Number Of Columns 4 Number Of Rows Min. 0 Number Of Rows Max. 9999999 Expected Number Of Rows 0 Expected Growth 0

9 Doctor_Department_clinic_id

11 Patient_Address_address_id

12 Doctor_Address_address_id

10 Doctor_Department_address_id

Foreign Keys (referring to)

Classification Type Name Object Type Name MV Prebuilt MV Query

Number Of Columns 12 Number Of Rows Min. 0 Number Of Rows Max. 9999999 Expected Number Of Rows 0 Expected Growth 0 Growth Interval

Column Name

6 Patient_Insurance_Company_insurance_id P Y NUMERIC (4) LT

8 Doctor_Department_department_id P F Y NUMERIC (4) LT

Description

Mendatory, Type: numeric (4,3)

Name Refering To Mandatory Transferable In Arc

Referred From Mandatory Transferable Arc

patient_id ASC insurance_id ASC address_id ASC young_id ASC

Referred Columns Delete Rule

NUMERIC (4) LT

Index Name State Functional Spatial Expression Column Name Sort Order

Name Refering To Mandatory Transferable In Arc Columns

Young_Patient_FK Patient Y Y Y patient_id insurance_id address_id patient_id

Description

1 treatment_id Primary key for the Treatment table

Mendatory, Type: datetime

3 medicine_name Mendatory, Type: varchar (300)

5 Patient_patient_id Foriegn key for the Patient Table 7 Doctor_doctor_id Foriegn key for the Doctor Table

Index Name State Functional Spatial Expression

Treatment_Patient_FK Patient Y Y

Young

1 patient_id P F Y NUMERIC (4) LT

3 insurance_id P F Y NUMERIC (4) LT 4 address_id P F Y NUMERIC (4) LT

2 young_id The id of the Young table, Unique

Treatment_Doctor_FK Doctor Y

Medicine_Treatment_FK Medicine Y

Number Of Columns 5 Number Of Rows Min. 0 Number Of Rows Max. 9999999 Expected Number Of Rows 0 Expected Growth 0

Column Name

Index Name State Functional Spatial Expression

Treatment

5 Patient_Address_address_id

4 Patient_Insurance_Company_insurance_id P Y NUMERIC (4) LT

Foreign Keys (referring to)
Name

Foreign Keys (referred from)

8 address_id Indexes

4 mail

4 mail

P Y NUMERIC (4) LT

6 Insurance_Company_insurance_id F Y NUMERIC (4) LT

6 Insurance_Company_insurance_id Foriegn key for the Insurance Table

 ${\bf Index\ Name\ State\ Functional\ Spatial\ Expression\ Column\ Name\ } {\color{blue} {\bf Sort} \over {\bf Order}}$

Y VARCHAR (100) LT

Y VARCHAR (100) LT

Y VARCHAR (16) LT

F Y NUMERIC (4) LT

Description

Primary key for the Patient table

Mendatory, Type: varchar (100)

Mendatory, Type: varchar (100)

Mendatory, Type: varchar (150)

Mendatory, Type: varchar (16)

Foriegn key for the Address Table

patient_id ASC

Refering To Mandatory Transferable In Arc

Treatment_Patient_FK Treatment Y Y Patient_patient_id patient_id Young_Patient_FK Young Y Y Patient_id insurance_id address_id patient_id

P Y NUMERIC (4) LT

P F Y NUMERIC (4) LT

P Y NUMERIC (4) LT

report_id Patient_patient_id

Y VARCHAR (300) LT

Patient_Address_address_id

Name Refering To Mandatory Transferable In Arc Columns Referred Columns Delete Rule

P Y NUMERIC (4) LT

P F Y NUMERIC (4) LT

P Y NUMERIC (4) LT

P F Y NUMERIC (4) LT

treatment_id

Patient_patient_id

Patient_Address_address_id Doctor_doctor_id

Doctor_Department_clinic_id

Doctor_Department_address_id Doctor_Address_address_id

Column Name

Doctor_Department_department_id

Patient_Insurance_Company_insurance_id ASC

Patient_patient_id

ASC

ASC

ASC

ASC

ASC ASC

ASC

Columns

 $Treatment_treatment_id\ Treatment_toung_patient_id\ Treatment_Young_insurance_id\ Treatment_Young_address_id\ Treatment_Doctor_doctor_id\ Treatment_Doctor_department_id\ Treatment_Doctor_clinic_id\ Treatment_Doctor_address_id\ Treatment_Doctor_ad$

 $Doctor_doctor_id\ Doctor_Department_id\ Doctor_Department_id\ Doctor_Department_id\ Doctor_Department_id\ Doctor_Department_id\ Department_id\ Department_$

Referred Columns

Delete Rule

Referred Columns treatment_id Patient_patient_id Patient_Insurance_Company_insurance_id Patient_Address_address_id Doctor_doctor_id Doctor_Department_id Doctor_Department_id

P F Y NUMERIC (4) LT

P F Y NUMERIC (4) LT

NUMERIC (4,3) LT

VARCHAR (300) LT Y Datetime LT P F Y NUMERIC (4) LT

Report_Patient_FK Patient Y Y Patient_patient_id patient_id

Patient_Insurance_Company_insurance_id ASC

Patient_Insurance_Company_FK Insurance_Company Y Y Insurance_Company_insurance_id insurance_id
Patient_Address_FK Address Y Y address_id address_id

Columns

Columns

PK FK M Data Type DT kind Domain Name Formula (Default Value) Security Abbreviation

Sort Order

ASC

ASC

PK FK M Data Type BT kind Domain Name Formula (Default Value) Security Abbreviation

Patient_patient_id

Y patient_id insurance_id

Patient_patient_id Patient_patient_id

Referred Columns Delete Rule

Referred Columns Delete Rule

patient_id

patient_id

Discriminator

Name Referred From Mandatory Transferable In Arc

Appointment_Patient_FK Appointment Y Y

Child_Patient_FK Child Y Y

Report

VARCHAR (150) LT

VARCHAR LT

Functional Name

Model Name Relational_1

Number Of Columns 5 Number Of Rows Min. 0 Number Of Rows Max. 9999999 Expected Number Of Rows 0 Expected Growth 0 Growth Interval Year

3 city Mendatory, Type: varchar (100) 4 zip_code Mendatory, Type: varchar (100) 5 street_number Mendatory, Type: varchar (100)	
Index Name State Functional Spatial Expression Column Name Address_PK PK address_id ASC Foreign Keys (referred from) Name Referred From Mandatory Transferable In Arc Columns Delete Rule Clinic_Address_FK Clinic Y Y Y Address_address_id address_id address_id	
Doctor_Address_FK Doctor Y Y Y Address_address_id address_id Nurse_Address_FK Nurse Y Y Address_address_id address_id Patient_Address_FK Patient Y Y Address_address_id address_id Table Name Appointment	
Functional Name Appointment Abbreviation Classification Type Name Object Type Name MV Prebuilt MV Query	
Number Of Columns 10 Number Of Rows Min. 0 Number Of Rows Max. 9999999 Expected Number Of Rows 0 Expected Growth 0 Growth Interval Year	
Column Name PK FK M Data Type Scurity Abbreviation 1 appointment_id Py St M Date Type Scurity Abbreviation 2 date St M Date Type Scurity Abbreviation 3 Patient_patient_id P S W Date Mark Scurity Abbreviation 4 Patient_Insurance_Company_insurance_id P S W Date Mark Scurity Abbreviation 5 Dotor_doctor_id P S W DATE MARK SCURITY SCURITY SCURITY SCURITY Abbreviation	
5 Doctor_doctor_id P F V V NUMERIC (4) LT 6 Doctor_Department_department_id P V F V V NUMERIC (4) LT 7 Doctor_Department_clinic_id P V V NUMERIC (4) LT 8 Doctor_Department_address_id P V V NUMERIC (4) LT 9 Patient_Address_address_id P V V NUMERIC (4) LT 10 Doctor_Address_address_id P V V NUMERIC (4) LT Columns Comments	
No Column Name Description Notes 1 appointment_id Primary key for the Appointment table 2 date Mendatory, Type: datetime 3 Patient_patient_id Foriegn key for the Patient Table 5 Doctor_doctor_id Foriegn key for the Doctor Table	
Index NameState FunctionalSpatial ExpressionColumn NameSort OrderAppointment_PKPatient_patient_idASCPatient_patient_idASCPatient_Insurance_Company_insurance_idASCPatient_Address_address_idASC	
Doctor_doctor_id ASC Doctor_Department_department_id ASC Doctor_Department_clinic_id ASC Doctor_Department_address_id ASC Doctor_Address_address_id ASC Foreign Keys (referring to) ASC	
NameRefering ToMandatoryTransferable In ArcDelete RuleAppointment_Doctor_FK DoctorYYDoctor_doctor_id Doctor_Department_clinic_id Doctor_Department_clinic_id Doctor_Department_clinic_id Doctor_Department_clinic_id Doctor_Department_clinic_id Doctor_Department_clinic_id Doctor_Department_clinic_id Doctor_Department_clinic_id Department_clinic_clinic_id Department_clinic_clinic_id Department_clinic_address_id Address_address_idAppointment_Patient_FK PatientYYPatient_patient_id Table Name Child Table Name Child	
Functional Name Child Abbreviation Classification Type Name Object Type Name MV Prebuilt MV Query	
Number Of Columns 5 Number Of Rows Min. 0 Number Of Rows Max. 9999999 Expected Number Of Rows Columns 0 Expected Growth 0 Growth Interval Year	
Column Same Value Same Same Same Same Same Same Same Sam	
S address_id P Y NUMERIC (4) LT Column Comments No Column Name Description Notes 2 child_id The id of the Child table, Unique 3 deciduous_teeth Mendatory, Type: varchar (50)	
Index NameStateFunctionalSpatialExpressionColumn Name OrderChild_PKPKpatient_idASCinsurance_idinsurance_idASCChild_child_id_UVVKchild_idASCForeign Keys (referring to)child_idASC	
Name Refering To Mandatory Transferable In Arc Columns Referred Columns Delete Rule Child_Patient_FK Patient Y Y Y patient_id insurance_id patient_id Table Name Clinic	
Functional Name Clinic Abbreviation Classification Type Name Object Type Name MV Prebuilt MV Query	
Number Of Columns5Number Of Rows Min.0Number Of Rows Max.9999999Expected Number Of Rows0Expected Growth0Growth IntervalYear	
Solumn Name	
Address_address_id P P P V NUMERIC (4) LT Column Somments No Column Name Primary key for the Clinic table and mendatory, Type: varchar (100) and mel Mendatory, Type: varchar (100) and Mendatory, Type: varchar (150) and Mendatory.	
4 phone_number Mendatory, Type: varchar (16) 5 Address_address_id Foriegn key for the Address Table Indexes Index Name State Functional Spatial Expression Column Name Colinic_PK PK clinic_id ASC	
Foreign Keys (referring to) Name Referring To Mandatory Transferable In Arc Columns Delete Rule Foreign Keys (referred from) Name Referred From Mandatory Transferable In Arc Columns Delete Rule Foreign Keys (referred From Mandatory Transferable In Arc Columns Delete Rule Referred From Mandatory Transferable In Arc Columns Delete Rule Referred From Mandatory Transferable In Arc Columns Delete Rule	
Department_Clinic_FK Department Y Y Y Clinic_clinic_id The foriegn key for the Clinic table clinic_id Address_address_id Table Name Department Functional Name Department Abbreviation	
Classification Type Name Object Type Name MV Prebuilt MV Query Number Of Columns 4 Number Of Rows Min. 0	
Number Of Rows Max. 9999999 Expected Number Of Rows 0 Expected Growth 0 Growth Interval Year	
No Column Name PK FK W Data Type Column Name PC Data Type Column Name Pormula (Default Value) Power Abbreviation P V V V VACHAR (100) U V VAC	
NoColumn NameDescriptionNotes1department_idPrimary key for the Department table2nameMendatory,Unique, Type: varchar (100)3Clinic_clinic_idForiegn key for the Clinic Table4The foriegn key for the Clinic tableThe foriegn key for the Clinic_Address table	
Index Name State Functional Spatial Expression Column Name Sort Order Department_PK PK department_id ASC Clinic_clinic_id ASC The foriegn key for the Clinic table ASC Department_name_UN UK name ASC	
Foreign Keys (referring to) Name Refering To Mandatory Transferable In Arc Columns Referred Columns Delete Rule Department_Clinic_FK Clinic Y Y Y Clinic_clinic_id The foriegn key for the Clinic table clinic_id Address_address_id Foreign Keys (referred from) Name Referred From Mandatory Transferable In Arc Columns Delete Rule Doctor_Department_FK Doctor Y Y Y Department_department_id Department_Clinic_address_id department_id Clinic_clinic_id The foriegn key for the Clinic table clinic_id The foriegn key for the Clinic table clinic_id The foriegn key for the Clinic table Rule Nurse Department_FK Nurse Y Y Y Department department id Department id Department Clinic_id Department id Clinic_clinic_id The foriegn key for the Clinic table (Department id Department id Departmen	
Table Name Doctor Functional Name Doctor Abbreviation	
Classification Type Name Object Type Name MV Prebuilt MV Query Number Of Columns 9 Number Of Rows Min. 0	
Number Of Rows Max. 999999999999999999999999999999999999	
Mind Mark	
Pepartment_Clinic_clinic_id P F V V NUMERIC (4) LT Pepartment_Clinic_address_id P F V V NUMERIC (4) LT Address_address_id P F V V NUMERIC (4) LT Columns Comments Column Name Column Name Pimary key for the Doctor table	
2first_nameMendatory, Type: varchar (100)3last_nameMendatory, Type: varchar (100)4mailMendatory, Type: varchar (150)5plone_numberMendatory, Type: varchar (16)6Department_department_idForiegn key for the Department Table7Department_Clinic_clinic_idForiegn key for Department_Clinic_clinic table8Department_Clinic_address_idForiegn key for Department_Clinic_address table	
Indexes Index Name State Functional Spatial Expression Column Name Doctor_PK PK doctor_id ASC Department_department_id ASC	
Department_Clinic_clinic_id ASC Department_Clinic_address_id ASC	
Foreign Keys (referred from) Name Referred From Mandatory Name Referred From Mandatory Transferable Appointment_Doctor_FK Appointment Doctor_FK Treatment Doctor_FK Treatment Doctor_FK Treatment Treatment Doctor_FK Treatment Treatment Doctor_FK Treatment T	
Table Name Insurance Functional Name Insurance Abbreviation Classification Type Name Object Type Name MV Prebuilt	
Functional Name Abbreviation Classification Type Name Object Type Name MV Prebuit MV Query Number Of Columns 4 Number Of Rows Min. 5 Number Of Rows Max. 999999 Expected Number Of Rows 5	
Functional Name Insurance	
Functional Name Insurance	
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State	Rule
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