

TABLE	ATTRIBUTE	DATA TYPE	SIZE (Bytes)	PK/FK
PERSON	SSN	INTEGER	4	PK
	Name	VARCHAR (30)	30	
	Birth_Date	DATE	3	
	Race	VARCHAR (15)	15	
	Gender	VARCHAR (10)	10	
	Profession	VARCHAR (20)	20	
	Address	VARCHAR (200)	200	
	Email	VARCHAR (50)	50	
	Home_Ph	VARCHAR (20)	20	
	Work_Ph	VARCHAR (20)	20	
	Cell_ph	VARCHAR (20)	20	
	Mailing_List	BIT	1	
	Org_Name	VARCHAR (50)	50	FK
CLIENT	SSN	INTEGER	4	PK, FK
	Doc_Name	VARCHAR (30)	30	
	Doc_phone	VARCHAR (20)	20	
	Att_Name	VARCHAR (30)	30	
	Att_Phone	VARCHAR (20)	20	
	Assigned_date	DATE	3	
VOLUNTEER	SSN	INTEGER	4	PK, FK
	Joining_Date	DATE	3	
	Training_Date	DATE	3	
	Training_Location	VARCHAR (50)	50	
EMPLOYEE	SSN	INTEGER	4	PK, FK
	Salary	REAL	4	
	Marital_Status	VARCHAR (10)	10	
	Hire_Date	DATE	3	
DONOR	SSN	INTEGER	4	PK, FK
	Anonymous	BIT	1	
EMERG_CONTACT	SSN	INTEGER	4	PK, FK
	Name	VARCHAR (30)	30	PK
	Contact_Info	VARCHAR (300)	300	PK
	Relationship	VARCHAR (20)	20	
INSURANCE_POLICY	Policy_Id	INTEGER	4	PK
	SSN	INTEGER	4	FK
	Provider_Id	INTEGER	4	
	Provider_Address	VARCHAR (200)	200	
	Policy_Type	VARCHAR (10)	10	
	SSN	INTEGER	4	PK, FK

NEEDS	Need_Type	VARCHAR (20)	20	PK
	Importance	INTEGER	4	
TEAMS	Name	VARCHAR (30)	30	PK
	Type	VARCHAR (20)	20	
	Formation_Date	DATE	3	
EXPENSES	SSN	INTEGER	4	PK, FK
	Date	DATE	3	PK
	Amount	REAL	4	PK
	Description	VARCHAR (100)	100	PK
DONOR_DONATIONS	SSN	INTEGER	4	PK, FK
	Date	DATE	3	PK
	Amount	REAL	4	PK
	Campaign_Name	VARCHAR (50)	50	PK
	Type	VARCHAR (20)	20	PK
DONOR_DONATIONS_CHECK	SSN	INTEGER	4	PK, FK
	Date	DATE	3	PK, FK
	Amount	REAL	4	PK, FK
	Campaign_Name	VARCHAR (50)	50	PK, FK
	Type	VARCHAR (20)	20	PK, FK
	Check_No	INTEGER	4	
DONOR_DONATIONS_CARD	SSN	INTEGER	4	PK, FK
	Date	DATE	3	PK, FK
	Amount	REAL	4	PK, FK
	Campaign_Name	VARCHAR (50)	50	PK, FK
	Type	VARCHAR (20)	20	PK, FK
	Card_No	VARCHAR (20)	20	
	Card_Type	VARCHAR (10)	10	
	Exp_Date	VARCHAR (7)	7	
ORGANIZATION	Name	VARCHAR (50)	50	PK
	Mailing_Address	VARCHAR (200)	200	
	Phone_No	VARCHAR (20)	20	
	Contact_Person	VARCHAR (30)	30	
CHURCH	Name	VARCHAR (50)	50	PK, FK
	Religious_Affiliation	VARCHAR (50)	50	
BUSINESS	Name	VARCHAR (50)	50	PK, FK
	Business_Type	VARCHAR (20)	20	
	Size	VARCHAR (20)	20	
	Company_Website	VARCHAR (50)	50	
	NAME	VARCHAR (50)	50	PK, FK

ORG_DONATIONS	Date	DATE	3	PK
	Amount	REAL	4	PK
	Campaign_Name	VARCHAR (50)	50	PK
	Type	VARCHAR (20)	20	PK
	Anonymous	BIT	1	
ORG_DONATIONS_CHECK	NAME	VARCHAR (50)	50	PK, FK
	Date	DATE	3	PK, FK
	Amount	REAL	4	PK, FK
	Campaign_Name	VARCHAR (50)	50	PK, FK
	Type	VARCHAR (20)	20	PK, FK
	Check_No	INTEGER	4	
ORG_DONATIONS_CARD	NAME	VARCHAR (50)	50	PK, FK
	Date	DATE	3	PK, FK
	Amount	REAL	4	PK, FK
	Campaign_Name	VARCHAR (50)	50	PK, FK
	Type	VARCHAR (20)	20	PK, FK
	Card_No	VARCHAR (20)	20	
	Card_Type	VARCHAR (10)	10	
	Exp_Date	VARCHAR (7)	7	
CARES	SSN	INTEGER	4	PK, FK
	Name	VARCHAR (30)	30	PK, FK
	Active	BIT	1	
SERVES	SSN	INTEGER	4	PK, FK
	Name	VARCHAR (30)	30	PK, FK
	Active	BIT	1	
WORK	SSN	INTEGER	4	PK, FK
	Name	VARCHAR (30)	30	PK, FK
	Month	VARCHAR (3)	3	
	Hours	REAL	4	PK
LEADER	SSN	INTEGER	4	PK, FK
	Name	VARCHAR (30)	30	PK, FK
SPONSOR	Team_Name	VARCHAR (30)	30	PK, FK
	Org_Name	VARCHAR (50)	50	PK, FK
REPORTS	Name	VARCHAR (30)	30	PK, FK
	SSN	INTEGER	4	FK
	Date	DATE	3	
	Description	VARCHAR (500)	500	

CONSTRAINTS
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NOT NULL, References PERSON
NOT NULL, DEFAULT 0
NOT NULL, References PERSON
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NOT NULL
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NOT NULL
NOT NULL, References CLIENT
NOT NULL
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NOT NULL, Domain {Life, Health, Home, Auto}
References CLIENT

NOT NULL, Domain {Visiting, Shopping, Transportation, House Keeping, Yard Work and Food}
NOT NULL, Domain {1-10}
NOT NULL
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NOT NULL, References EMPLOYEE
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NOT NULL, References TEAMS

NOT NULL, DEFAULT 1

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NOT NULL

NOT NULL

NOT NULL, Referencing SERVES

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NOT NULL, References TEAMS

NOT NULL, References ORGANIZATION

NOT NULL, References TEAMS

NOT NULL, References EMPLOYEE

NOT NULL

NOT NULL
