

FORMATS:**TABULAR****HIERARCHICAL****Table****Table Name**

Admin

Column Name	Column Datatype	Column Null Option	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
email	VARCHAR2(20)	NOT NULL	email	Yes	No	VARCHAR(20)
cnic_no	VARCHAR2(20)	NULL	cnic_no	No	No	VARCHAR(20)
position	VARCHAR2(20)	NULL	position	No	No	VARCHAR(20)
passcode	CHAR(18)	NULL	passcode	No	No	CHAR(18)

Cases

Column Name	Column Datatype	Column Null Option	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
case_id	CHAR(18)	NOT NULL	case_id	Yes	No	CHAR(18)
name	VARCHAR2(20)	NULL	name	No	No	VARCHAR(20)
category	VARCHAR2(20)	NULL	category	No	No	VARCHAR(20)
target_amount	INTEGER	NULL	target_amount	No	No	INTEGER
link	VARCHAR2(20)	NULL	link	No	No	VARCHAR(20)
Child Relationship FK Name	Child Relationship					

	Cardinality
for	One-to-Zero- One-or-More
of	One-to-One-or- More (P)

Child Relationship	Child Relationship
Parent to Child	Cardinality
Phrase	
for	One-to-Zero- One-or-More
of	One-to-One- or-More (P)

Donations

Column Name	Column Datatype	Column Null Option			
account_no	CHAR(18)	NOT NULL			
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype	
	account_no	Yes	Yes	CHAR(18)	
email	VARCHAR2(20)	NOT NULL			
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype	
	email	Yes	Yes	VARCHAR(20)	
case_id	CHAR(18)	NOT NULL			
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype	
	case_id	Yes	Yes	CHAR(18)	
donated_amount	INTEGER	NULL			
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype	
	donated_amount	No	No	INTEGER	

Parent Relationship FK Name	Parent Relationship Cardinality
has_donated	One-to-Zero- One-or-More
for	One-to-Zero- One-or-More

Donor

Column Name	Column Datatype	Column Null Option			
account_no	CHAR(18)	NOT NULL			
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype	
	account_no	Yes	No	CHAR(18)	
email	VARCHAR2(20)	NOT NULL			
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype	

visiting_address	email	Yes	Yes	VARCHAR(20)
	CHAR(18)	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
medals	visiting_address	No	No	CHAR(18)
	CHAR(18)	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
Child Relationship FK Name	medals	No	No	CHAR(18)
	Child Relationship Cardinality			
	has_donated	One-to-Zero-One-or-More		

Child Relationship Parent to Child Phrase

has_donated One-to-Zero-One-or-More

Parent Relationship FK Name	Parent Relationship Cardinality
registered_as	One-to-Exactly-1

MyEvent

Column Name	Column Datatype	Column Null Option		
event_id	CHAR(18)	NOT NULL		
name	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	event_id	Yes	No	CHAR(18)
	VARCHAR2(20)	NULL		
category	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	name	No	No	VARCHAR(20)
	VARCHAR2(20)	NULL		
event_date	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	category	No	No	VARCHAR(20)
	DATE	NULL		
link	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	event_date	No	No	DATE
	VARCHAR2(20)	NULL		
Child Relationship FK Name	Child Relationship Cardinality			
	link	No	No	VARCHAR(20)
	at	One-to-One-or-		

More (P)

Child Relationship Parent to Child Phrase

at One-to-One-or-More (P)

at One-to-One-or-More (P)

MyUser

Column Name	Column Datatype	Column Null Option		
email	VARCHAR2(20)	NOT NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	email	Yes	No	VARCHAR(20)
cnic_no	VARCHAR2(20)	NOT NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	cnic_no	No	No	VARCHAR(20)
phone_number	VARCHAR2(20)	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	phone_number	No	No	VARCHAR(20)
gender	VARCHAR2(20)	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	gender	No	No	VARCHAR(20)
date_of_birth	DATE	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	date_of_birth	No	No	DATE
name	VARCHAR2()	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	name	No	No	VARCHAR()
passcode	VARCHAR2(20)	NULL		
	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
	passcode	No	No	VARCHAR(20)
Child Relationship FK Name	Child Relationship Cardinality			
registered_as	One-to-Exactly-1			
as	One-to-One-or-More (P)			
requested	One-to-One-or-More (P)			
reported	One-to-One-or-More (P)			

Child Relationship Parent to Child Phrase

registered_as	One-to-Exactly-1
as	One-to-One-or-More (P)
requested	One-to-One-or-More (P)
reported	One-to-One-or-More (P)

ReportedCases

Column Name	Column Datatype	Column Null Option	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
email	VARCHAR2(20)	NOT NULL	email	Yes	Yes	VARCHAR(20)
case_id	CHAR(18)	NOT NULL	case_id	Yes	Yes	CHAR(18)

Parent Relationship FK Name	Parent Relationship Cardinality
reported	One-to-One-or-More (P)
of	One-to-One-or-More (P)

VisitRequests

Column Name	Column Datatype	Column Null Option	Attribute Name	Attribute Is PK	Attribute Is FK	Attribute Datatype
email	VARCHAR2(20)	NOT NULL	email	Yes	Yes	VARCHAR(20)
event_id	CHAR(18)	NOT NULL	event_id	Yes	Yes	CHAR(18)

Parent Relationship FK Name	Parent Relationship Cardinality
requested	One-to-One-or-More (P)
at	One-to-One-or-

More (P)

Volunteer

Column Name	Column Datatype	Column Null Option		
email	VARCHAR2(20)	NOT NULL		
		Attribute Name	Attribute Is PK	Attribute Datatype
		email	Yes	Yes
position	VARCHAR2(20)	NULL		
		Attribute Name	Attribute Is PK	Attribute Datatype
		position	No	No

Parent Relationship FK Name	Parent Relationship Cardinality
as	One-to-One-or-More (P)