

Table: User							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	user_id	bigint	pk		incremental	FALSE	TRUE
2	username	bigint				FALSE	TRUE
3	email	varchar(30)				FALSE	FALSE
4	password_hash	varchar(50)				FALSE	FALSE
5	organization_id	year	fk	Organization.organization_id	incremental	FALSE	TRUE
6	delegation_id	bigint	fk	Connection_delegation.delegation_id	incremental	FALSE	TRUE
7	tag_id	varchar(20)	fk	Department_tag.tag_id	incremental	FALSE	TRUE

Table: Positions							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	position_id	bigint	pk		incremental	FALSE	TRUE
2	create_position	varchar(20)				TRUE	FALSE
3	modify_position	varchar(20)				TRUE	FALSE
4	level	enum				FALSE	FALSE
5	organization_id	bigint	fk	Organization.organization_id	incremental	FALSE	TRUE
6	position_title	varchar(20)				FALSE	FALSE
7	is_vacant	boolean				FALSE	FALSE
8	is_filled	boolean				FALSE	FALSE
9	user_id	bigint	fk	User.user_id	incremental	FALSE	TRUE

Table: Department_Tag							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	tag_id	bigint	pk		incremental	FALSE	TRUE
2	dept_name	bigint				FALSE	FALSE
3	sub_dept	varchar(30)				FALSE	FALSE
4	organization_id	varchar(50)	fk	Organization.organization_id	incremental	FALSE	TRUE

Table: Leader							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	leader_id	bigint	pk		incremental	FALSE	TRUE
2	name	varchar(20)				FALSE	FALSE
3	user_id	bigint	fk	User.user_id	incremental	FALSE	TRUE

Table: Followers							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	follower_id	bigint	pk		incremental	FALSE	TRUE
2	user_id	bigint	fk	User.user_id	incremental	FALSE	TRUE

Table: Connection							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	connection_id	bigint	pk		incremental	FALSE	TRUE
2	type	enum				FALSE	FALSE
3	request_id	bigint				FALSE	TRUE
4	sender_id	bigint				FALSE	TRUE
5	receiver_id	bigint				FALSE	TRUE
6	status	varchar(20)				FALSE	FALSE
7	follower_id	bigint	fk	Followers.follower_id	incremental	FALSE	TRUE
8	organization_id	bigint	fk	Organization.organization_id	incremental	FALSE	TRUE
9	history_id	bigint	fk	Connection_History.history_id	incremental	FALSE	TRUE

Table: Organization							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	organization_id	bigint	pk		incremental	FALSE	TRUE
2	name	varchar(20)				FALSE	TRUE

Table: Connection_History							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	history_id	bigint	pk		incremental	FALSE	TRUE
2	connection_id	bigint	fk	Connection_History.history_id	incremental	FALSE	FALSE
3	approval_date	timestamp				FALSE	FALSE
4	request_date	timestamp				FALSE	FALSE

Table: Org_Tree							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	orgtree_id	bigint	pk		incremental	FALSE	TRUE
2	organization_id	bigint	fk	Organization.organization_id	incremental	FALSE	TRUE
3	position_id	bigint	fk	Positions.position_id	incremental	FALSE	TRUE
4	leader_id	bigint	fk	Leader.leader_id	incremental	FALSE	TRUE

Table: Connection_Delegation							
Sr No	ColumnName	DataType	Key	Reference	Constraint	isNullable	isUnique
1	delegation_id	bigint	pk		incremental	FALSE	TRUE
2	request_id	bigint			incremental	FALSE	TRUE
3	delegator_id	bigint			incremental	FALSE	TRUE
4	delegatee_id	bigint			incremental	FALSE	TRUE