

CONCERNS-

1. Phone number datatype

OTHER RELEVANT INFORMATION

- 1.

ADMIN_ID	A2345 A1-till they want
EMP_ID	E6789
ANNOUNCEMENT_ID	AN8403
LEAVE_ID	L8932
FEEDBACK_ID	F9203

- 2.

Tables

Table Name - employee_main_visforce

<u>Emp_ID</u>	VARCHAR(10) foreign key REFERENCES employee_login_visforce(EMP_ID) Primary Key
Phone	NUMBER(20)
Email	VARCHAR(30)

```
CREATE TABLE EMPLOYEE_MAIN_VISFORCE(  
EMP_ID VARCHAR(10) REFERENCES employee_login_visforce(EMP_ID) on delete cascade  
PRIMARY KEY,  
PHONE NUMBER(20),  
EMAIL VARCHAR(30)  
);
```

Table Name - employee_phone_visforce

<u>Emp_ID</u>	Primary Key
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	foreign key REFERENCES employee_login_visforce(EMP_ID) VARCHAR(10)
Phone	NUMBER(20)
Name	VARCHAR(20)
Dob	DATE
Department	VARCHAR(3) CHECK DEPARTMENT IN ('SAL', 'MAR', 'SUP')

```
CREATE TABLE EMPLOYEE_PHONE_VISFORCE(
EMP_ID VARCHAR(10) REFERENCES employee_login_visforce(EMP_ID) on delete cascade
PRIMARY KEY,
PHONE NUMBER(20),
NAME VARCHAR(20),
DOB DATE,
DEPARTMENT VARCHAR(3) CONSTRAINT DEPT2 CHECK (DEPARTMENT IN
('SAL','MAR','SUP'))
);
```

Table Name - leave_visforce

<i>Attribute</i>	<i>Description</i>
Leave_ID	Primary Key VARCHAR(10)
Date_of_Leave	DATE
Date_of_Return	DATE
Reason	VARCHAR(1500)
Status	VARCHAR(3) CHECK STATUS IN ('PEN', 'REJ', 'ACC')
Time_Applied	TIMESTAMP
Emp_ID	VARCHAR(10) REFERENCES employee_login_visforce(EMP_ID)
Admin_ID	VARCHAR(10) REFERENCES admin_login_visforce(ADMIN_ID)

Title	varchar(50)
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```
CREATE TABLE LEAVE_VISFORCE(
LEAVE_ID VARCHAR(10) PRIMARY KEY,
DATE_OF_LEAVE DATE,
DATE_OF_RETURN DATE,
REASON VARCHAR(1500),
STATUS VARCHAR(3) CONSTRAINT STAT CHECK (STATUS IN ('PEN','REJ','ACC')),
TIME_APPLIED TIMESTAMP,
EMP_ID VARCHAR(10) REFERENCES employee_login_visforce(EMP_ID) on delete cascade,
ADMIN_ID VARCHAR(10) REFERENCES admin_login_visforce(ADMIN_ID)on delete cascade,
Title varchar(50)
);
```

Table Name - announcement_visforce

<i>Attribute</i>	<i>Description</i>
Announcement_ID	VARCHAR(10) Primary Key
Date_of_Posting	DATE
Time_of_Posting	TIMESTAMP
Message	VARCHAR(1500)
Admin_ID	VARCHAR(10) REFERENCES admin_login_visforce(ADMIN_ID)
title	varchar(30)

```
CREATE TABLE ANNOUNCEMENT_VISFORCE(
ANNOUNCEMENT_ID VARCHAR(10) PRIMARY KEY,
DATE_OF_POSTING DATE,
TIME_of_POSTING TIMESTAMP,
MESSAGE VARCHAR(1500),
ADMIN_ID VARCHAR(10) REFERENCES admin_login_visforce(ADMIN_ID) on delete cascade,
Title varchar(30)
);
```

Table Name - employee_login_visforce

<i>Attribute</i>	<i>Description</i>
<u>Emp_ID</u>	VARCHAR(10)

	Primary Key
Password	VARCHAR(20)
Admin_ID	VARCHAR(10)

```
CREATE TABLE EMPLOYEE_LOGIN_VISFORCE(
EMP_ID VARCHAR(10) PRIMARY KEY,
PASSWORD VARCHAR(20),
ADMIN_ID VARCHAR(10)
);
```

Table Name - feedback_visforce

<i>Attribute</i>	<i>Description</i>
<u>Feedback_ID</u>	VARCHAR(10) Primary Key
Date_of_Posting	DATE
Time_of_Posting	TIMESTAMP
Feedback_Message	VARCHAR(1500)
Admin_Comment	VARCHAR(1500)
Emp_ID	VARCHAR(10) REFERENCES employee_login_visforce(EMP_ID)
Admin_ID	VARCHAR(10) REFERENCES admin_login_visforce(ADMIN_ID)

```
CREATE TABLE FEEDBACK_VISFORCE(
FEEDBACK_ID VARCHAR(10) PRIMARY KEY,
DATE_OF_POSTING DATE,
TIME_OF_POSTING TIMESTAMP,
FEEDBACK_MESSAGE VARCHAR(1500),
ADMIN_COMMENT VARCHAR(1500),
EMP_ID VARCHAR(10) REFERENCES employee_login_visforce(EMP_ID) on delete cascade,
ADMIN_ID VARCHAR(10) REFERENCES admin_login_visforce(ADMIN_ID) on delete cascade
);
```

Admin_main_visforce

Table Name - admin_login_visforce

<i>Attribute</i>	<i>Description</i>
<u>Admin_ID</u>	VARCHAR(10) Primary Key
Password	VARCHAR(20)

```
CREATE TABLE ADMIN_LOGIN_VISFORCE(  
ADMIN_ID VARCHAR(10) PRIMARY KEY,  
PASSWORD VARCHAR(20)  
);
```

Tablename - targetaudience_main_visforce

Serial no	Serial wise Need to create an auto generating thing for subsequent things PRIMARY KEY
name	
email	
salary	
city	
gender	Check in ('F','M')
address	
dob	

```
Create table targetaudience_main_visforce
(serialno number(8) primary key,
name varchar(30),
Email varchar(50),
Salary number(8),
Location varchar(50),
Gender varchar(2) check (gender in ('F','M')) ,
Address varchar(400),
Dob date);
```

```
SELECT TRUNC(TO_NUMBER(SYSDATE - TO_DATE(dob)) / 365.25) AS AGE FROM
targetaudience_main_visforce;
```

```
Create table targetaudience_phone_visforce
(serialno number(8),
Phone varchar(20),
foreign key (serialno) references targetaudience_main_visforce(serialno) on delete cascade
);
```

```
Drop table targetaudience_phone_visforce;
Drop table targetaudience_main_visforce;
```

```
truncate table targetaudience_phone_visforce;
truncate table targetaudience_main_visforce;
truncate table pastsales_visforce;
```

Table name= pastsales_visforce

```
Create table pastsales_visforce
(
Dateofsale date,
Buyername varchar(45),
Address varchar(300),
Product varchar(50),
Orderid varchar(100) primary key,
Price number(5),
Status varchar(30)
);
```

FREQUENTLY USED COMMANDS

SELECT TABLE_NAME FROM USER_TABLES WHERE TABLE_NAME LIKE '%VISFORCE';

DROP TABLE ADMIN_LOGIN_VISFORCE;	1	main
DROP TABLE EMPLOYEE_LOGIN_VISFORCE;	2	independent
DROP TABLE EMPLOYEE_MAIN_VISFORCE; DROP TABLE EMPLOYEE_PHONE_VISFORCE;	3	Dependent on 1 and 2
DROP TABLE FEEDBACK_VISFORCE; DROP TABLE LEAVE_VISFORCE; DROP TABLE ANNOUNCEMENT_VISFORCE;	4	Dependent on 1,2

Insert into admin_login_visforce values(A1,'tiger')