3.7 TABLES

TABLE 3.7.1(a) : Customer

Sl.No	Field	Datatype	Description
1.	adno	int(20)	Specifies the aadhar.no of the customer
2.	f_name	varchar(200)	Specifies the first name of the customer
3.	m_name	varchar(200)	Specifies the first name of the customer
4.	l_name	varchar(200)	Specifies the first name of the customer
5.	c_no	int(20)	Specifies the customer id
6.	email_id	varchar(200)	Speicifies the email id of the customer
7.	c_age	int(20)	Stores the age of the customer
8.	c_dob	Date	Specifies the date of birth of the customer
10.	s_price	int(50)	Specifies the price of the service opted.

Specifies the basic details of the customer which includes the aadhar.no, first name, middle name, last name, customer number, email-id, age, date of birth of the customer and price for the service.

TABLE 3.7.1(b) : SERVICE

Sl.no	field	Datatype	Description
1.	s_id	int(20)	Specifies the service id of the service
2.	s_name	varchar(200)	Specifies service name of the service provider
3.	s_type	varchar(200)	Specifies service type of the service
4.	status	varchar(200)	Specifies the service status of the service
5.	s_mode	varchar(200)	Specifies the service mode of the service
6.	co_id	int(20)	Specifies company id of the company
7.	s_price	int(50)	Specifies the amount of network package

Specifies the SERVICE table which stores the service id, service name, service type, status, service mode and the company id.

TABLE 3.7.1(c) : COMPANY

Sl.no	Field	Datatype	Description
1.	co_name	varchar(200)	Specifies the company name
.2	no_of_emp	int(20)	Specifies the no. of employees working in a company
3.	co_loc	varchar(200)	Specifies the location of the company
4.	date_of_est	Date	Tells the date of establishment
5.	co_id	int(20)	Specifies the company id

Specifies the COMPANY table which represents the company name, number of employees, company's location, date of establishment and the company id.

Table 3.7.1(d) : DEPARTMENT

Sl.no	Field	Datatype	Description
1.	dept_id	int(20)	Specifies the department id.
2.	dept_name	varchar(200)	Specifies the department name.
3.	no_of_emp	int(20)	Specifies the number of employees.
4.	co_name	varchar(200)	Specifies the company name

| 5. | h_id | int(20) | Specifies the hod id. |

Specifies the DEPARTMENT table which represents the department id, department name, no of employees, company name and hod id.

Table 3.7.1(e) : HOD

Sl.no	Field	Datatype	Description
1.	h_id	int(20)	Specifies the hod id.
2.	h_name	varchar(200)	Specifies the hod name.
3.	exp_in_field	int(20)	Specifies the experience in the field.
4.	No_of_emp	int(20)	Specifies the number of employees.
5.	dept_id	int(20)	Specifies the department id.

Specifies the HOD table which contains the hod id, hod name, experience in field, no. of employees and the department id.

Table 3.7.1(f) : EMPLOYEE

SL.no	Field	Datatype	Description
1.	e_id	int(20)	Specifies the employee id
2.	f_name	varchar(200)	Stores the first name of the customer
3.	l_name	varchar(200)	Stores the last name
4.	e_no	int(20)	Specifies the employee no
6.	e_pos	varchar(200)	Defines the position of the employee
7.	gen	varchar(200)	Specifies the gender
8.	e_sal	int(20)	Specifies the appointed salary of an employee
9.	dept_id	int(20)	Specifies the department id.
10.	co_id	int(20)	Specifies the company name.
11.	e_add	varchar(200)	Specifies the email-address.
12.	adno	int(20)	Specifies the aadhaar number of the employee

Specifies all the details of the employees.

3.8 DESCRIPTION

Description of all the entity table is shown below to describe attributes, Null value and datatype. In null value, NOT NULL is given only for the primary key attribute. Datatype shows NUMBER(38) for integer values given to the attributes mentioned, and VARCHAR2(_) for varchar values to the attributes. The size of varchar depends on the described attributes.

The **VARCHAR2** data type is used to store variable length strings and it is an internal data type. This means that you define a maximum size, and the strings that you insert into the column will be stored as they are provided. No spaces will be added to the character, like the CHAR datatype. The maximum length of a varchar2 data type is 4000 bytes.

3.8.1 DESC OF TABLES

Table 3.8.1(a) : DESC CUSTOMER

NAME	NULL?	TYPE
Adno	NOT NULL	int(20)
f_name		varchar(200)
m_name		varchar(200)
l_name		varchar(200)
c_no		int(20)
email_id		varchar(200)
c_age		int(20)
c_dob		Date
s_price		int(20)

Table 3.8.2(b) : DESC SERVICE

NAME	NULL?	TYPE
s_id	NOT NULL	int(20)
s_name		varchar(200)
s_type		varchar(200)
Status		varchar(200)
s_mode		varchar(200)
co_id		int(20)
s_price		int(20)

Table 3.8.3(c) : DESC COMPANY

NAME	NULL?	TYPE
co_name		varchar(200)
no_of_emp		int(20)
co_loc		varchar(200)
date_of_est		date
co_id	NOT NULL	int(20)

Table 3.8.4(d) : DESC DEPARTMENT

NAME	NULL?	TYPE
dept_id	NOT NULL	int(20)
dept_name		varchar(200)
no_of_emp		int(20)
h_id		int(20)
co_name		varchar(200)

Table 3.8.5(e) : DESC HOD

NAME	NULL?	TYPE
h_id	NOT NULL	int(20)
h_name		varchar(200)
exp_in_field		int(20)
no_of_emp		int(20)
dept_id		int(20)

Table 3.8.6(f) : DESC EMPLOYEE

NAME	NULL?	TYPE
e_id	NOT NULL	int(20)
f_name		varchar(200)
l_name		varchar(200)
e_no		int(20)
e_pos		varchar(200)
Gen		varchar(200)
e_sal		int(20)
dept_id		int(20)
co_id		int(20)
e_add		varchar(200)