MYSQL COMMANDS TO CREATE TABLES IN AN ORGANIZATION A

Create database organizationA;

Use OrganizationA;

Create Table Types_of_services(serviceid int primary key, servicename varchar(50), servicecost double);

        insert into Types_of_services values (1, 'Cleaning Services', 2000);

        insert into Types_of_services values (2, 'Beauty Services', 5000);

        insert into Types_of_services values (3, 'Spa Services', 10000);

        insert into Types_of_services values (4, 'Grooming Services', 1000);

        insert into Types_of_services values (5, 'Repairing Services', 6000);

Create Table Technician(TechnicianID int primary key, TechnicianName varchar(50), DOB date, YrsofExperience int, Field Varchar(100), ContactNumber varchar(12));

        insert into Technician values (1, 'Karthik', '2000-01-01', 5, 'Cleaning Services', '9890000001');

        insert into Technician values (2, 'Shreya', '1996-03-04', 10, 'Beauty Services','9890000002');

        insert into Technician values (3, 'Raj', '1960-04-06', 35, 'Spa Services','9890000003');

        insert into Technician values (4, 'Patel', '1950-07-10', 35, 'Grooming Services','9890000004');

        insert into Technician values (5, 'Mahendra', '1975-05-05', 25, 'Repairing Services','9890000005');

Create Table Service_Status(Id int, ServiceId int , Status varchar(50), StatusTime timestamp, foreign key (ServiceId) references Types_of_services(serviceid));

        insert into Service_Status values (1, 1, 'Available', '2021-03-01 10:00:00');

        insert into Service_Status values (2, 2, 'NotAvailable', '2021-03-02 10:05:00');

        insert into Service_Status values (3, 3, 'Available', '2021-03-03 10:10:00');

        insert into Service_Status values (4, 4, 'NotAvailable', '2021-03-04 10:20:00');

        insert into Service_Status values (5, 5, 'Available', '2021-03-05 10:30:00');

        insert into Service_Status values (6, 1, 'NotAvailable', '2021-03-06 10:40:00');

        insert into Service_Status values (7, 2, 'Available', '2021-03-07 10:50:00');

        insert into Service_Status values (8, 3, 'NotAvailable', '2021-03-08 10:10:00');

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        insert into Service_Status values (9, 4, 'Available', '2021-03-08 10:20:00');

        insert into Service_Status values (10, 5, 'NotAvailable', now());

Create Table Feedback (id int, serviceid int, TechnicianId int, Feedback varchar(100), rating int,

foreign key (ServiceId) references Types_of_services(serviceid),

foreign key(TechnicianId) references Technician(TechnicianID));

        insert into Feedback values (1, 1, 1, 'Awesome', 5);

        insert into Feedback values (2, 1, 1, 'Good', 3);

        insert into Feedback values (3, 2, 2, 'Poor', 1);

        insert into Feedback values (4, 2, 2, 'Average', 2);

        insert into Feedback values (5, 3, 3, 'Good', 3);

        insert into Feedback values (6, 3, 3, 'Very Good', 4);

        insert into Feedback values (7, 4, 4, 'Awesome', 5);

        insert into Feedback values (8, 4, 4, 'Bad', 0);

        insert into Feedback values (9, 5, 5, 'Very Good', 4);

        insert into Feedback values (10, 5, 5, 'Average', 2);


Describe Types_of_services;

Describe Technician;

Describe Service_Status;

Describe Feedback;


select * from Types_of_services;

select * from Technician;

select * from Service_Status;

select * from Feedback;
```

SNAPSHOT OF TABLES:

MySQL localhost:33060+ ssl organizationa SQL > Describe Types_of_services;

Field	Type	Null	Key	Default	Extra
serviceid	int	NO	PRI	NULL	
servicename	varchar(50)	YES		NULL	
servicecost	double	YES		NULL	

3 rows in set (0.0936 sec)

MySQL localhost:33060+ ssl organizationa SQL > Describe Technician;

Field	Type	Null	Key	Default	Extra
TechnicianID	int	NO	PRI	NULL	
TechnicianName	varchar(50)	YES		NULL	
DOB	date	YES		NULL	
YrsofExperience	int	YES		NULL	
Field	varchar(100)	YES		NULL	
ContactNumber	varchar(12)	YES		NULL	

6 rows in set (0.0067 sec)

MySQL localhost:33060+ ssl organizationa SQL > Describe Service_Status;

Field	Type	Null	Key	Default	Extra
Id	int	YES		NULL	
ServiceId	int	YES	MUL	NULL	
Status	varchar(50)	YES		NULL	
StatusTime	timestamp	YES		NULL	

4 rows in set (0.0016 sec)

MySQL localhost:33060+ ssl organizationa SQL > Describe Feedback;

Field	Type	Null	Key	Default	Extra
id	int	YES		NULL	
serviceid	int	YES	MUL	NULL	
TechnicianId	int	YES	MUL	NULL	
Feedback	varchar(100)	YES		NULL	
rating	int	YES		NULL	

5 rows in set (0.0023 sec)

OUTPUT:

```
MySQL  localhost:33060+ ssl  organizationa  SQL > select * from Types_of_services;
+-----------+-------------------+-------------+
| serviceid | servicename       | servicecost |
+-----------+-------------------+-------------+
|         1 | Cleaning Services |        2000 |
|         2 | Beauty Services   |        5000 |
|         3 | Spa Services      |       10000 |
|         4 | Grooming Services |        1000 |
|         5 | Repairing Services|        6000 |
+-----------+-------------------+-------------+
5 rows in set (0.0027 sec)
MySQL  localhost:33060+ ssl  organizationa  SQL > select * from Technician;
+--------------+----------------+------------+----------------+-------------------+---------------+
| TechnicianID | TechnicianName | DOB        | YrsofExperience | Field             | ContactNumber |
+--------------+----------------+------------+----------------+-------------------+---------------+
|            1 | Karthik        | 2000-01-01 |              5 | Cleaning Services | 9890000001    |
|            2 | Shreya         | 1996-03-04 |             10 | Beauty Services   | 9890000002    |
|            3 | Raj            | 1960-04-06 |             35 | Spa Services      | 9890000003    |
|            4 | Patel          | 1950-07-10 |             35 | Grooming Services | 9890000004    |
|            5 | Mahendra       | 1975-05-05 |             25 | Repairing Services| 9890000005    |
+--------------+----------------+------------+----------------+-------------------+---------------+
5 rows in set (0.0013 sec)
MySQL  localhost:33060+ ssl  organizationa  SQL > select * from Service_Status;
+----+-----------+--------------+---------------------+
| Id | ServiceId | Status       | StatusTime          |
+----+-----------+--------------+---------------------+
|  1 |         1 | Available    | 2021-03-01 10:00:00 |
|  2 |         2 | NotAvailable | 2021-03-02 10:05:00 |
|  3 |         3 | Available    | 2021-03-03 10:10:00 |
|  4 |         4 | NotAvailable | 2021-03-04 10:20:00 |
|  5 |         5 | Available    | 2021-03-05 10:30:00 |
|  6 |         1 | NotAvailable | 2021-03-06 10:40:00 |
|  7 |         2 | Available    | 2021-03-07 10:50:00 |
|  8 |         3 | NotAvailable | 2021-03-08 10:10:00 |
|  9 |         4 | Available    | 2021-03-08 10:20:00 |
| 10 |         5 | NotAvailable | 2021-03-08 10:38:14 |
+----+-----------+--------------+---------------------+
10 rows in set (0.0005 sec)
MySQL  localhost:33060+ ssl  organizationa  SQL > select * from Feedback;
+----+-----------+-------------+-----------+--------+
| id | serviceid | TechnicianId | Feedback  | rating |
+----+-----------+-------------+-----------+--------+
|  1 |         1 |           1 | Awesome   |      5 |
|  2 |         1 |           1 | Good      |      3 |
|  3 |         2 |           2 | Poor      |      1 |
|  4 |         2 |           2 | Average   |      2 |
|  5 |         3 |           3 | Good      |      3 |
|  6 |         3 |           3 | Very Good |      4 |
|  7 |         4 |           4 | Awesome   |      5 |
|  8 |         4 |           4 | Bad       |      0 |
|  9 |         5 |           5 | Very Good |      4 |
| 10 |         5 |           5 | Average   |      2 |
+----+-----------+-------------+-----------+--------+
10 rows in set (0.0005 sec)
```

ER DIAGRAM: