

# ***The LNMIIT, Jaipur***

**IDBMS Project**  
**MAJBOORI.COM**



## **Submitted By:-**

Vaibhav Jaiswal 20UCC126

Rudraksh Garg 20UCC124

## **Motivation:**

The motivation comes from a real life problem that we face when we have to relocate to a different city/locality may it be for job or education or other such reasons.

We usually find it difficult to find essential service providers like plumbers, electricians, etc in new localities.

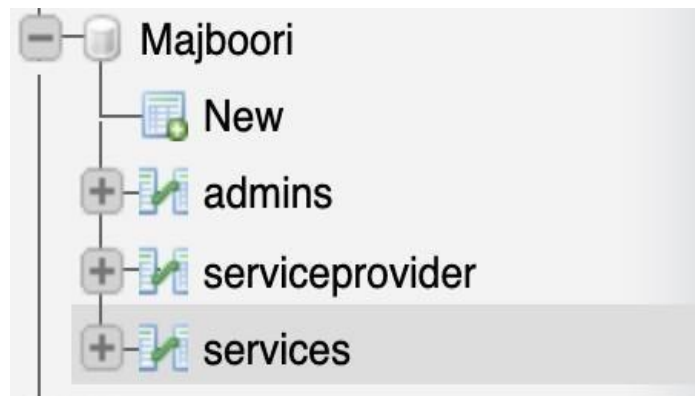
Hence we decided to build a website which would store the information like pin-code, locality-address, contact details of such service providers and display it to users who need it in their time of Majboori.

## **SCHEMA**

The database of our project consists of three tables:

- 1.Admins
- 2.Services
- 3.ServiceProvider

The schema of the project looks like this –



Let us start by taking a look at these two entities/tables:

- Services
- ServiceProvider

The attributes of Services Table are:

1. SID
2. Service

The SID is the primary key for the Services entity because all the services that would be displayed on our site would have a unique Service-ID.

```
⊖ CREATE TABLE `services` (  
  |   `SID` int(11) NOT NULL,  
  |   `Service` varchar(20) NOT NULL  
  | ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

The Services table contains all the services that a user can look for in our website. All the services listed will have a unique service id (SID) and Service Name.

The ServiceProvider table has the following attributes:

1. SPID
2. SID
3. Name
4. PIN
5. Address
6. PhoneNumber
7. Verified

Here, SPID is the primary key for the courses table. And, SID is the foreign key referencing the primary key of the Services table.

```
CREATE TABLE `serviceprovider` (  
  `SPID` int(11) NOT NULL,  
  `SID` int(11) NOT NULL,  
  `Name` varchar(20) NOT NULL,  
  `PIN` int(6) NOT NULL,  
  `Address` varchar(30) NOT NULL,  
  `PhoneNumber` varchar(10) NOT NULL,  
  `Verified` tinyint(1) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

The ServiceProvider table contains all the necessary information about a service provider and every service provider in the database has a unique ServiceProvider ID (SPID).

Every row in the service provider table also contains a service id which is a foreign key and also links it to the 'service' table.

Since both tables have primary keys, they are both strong entities and do not need to rely on other entities for a primary key.

Below are some pre-inserted values that were inserted in the database to demonstrate our project.

```
INSERT INTO `serviceprovider` (`SPID`, `SID`, `Name`, `PIN`, `Address`, `PhoneNumber`, `Verified`) VALUES
(17, 1, 'Electrician 1', 302031, 'lnmiit', '9999999999', 1),
(18, 2, 'Plumber 1', 302031, 'lnmiit', '8888888888', 1),
(19, 3, 'Laundry 1', 302031, 'lnmiit', '7777777777', 1),
(20, 4, 'Maid 1', 302031, 'lnmiit', '6666666666', 1),
(21, 5, 'Milkman 1', 302031, 'lnmiit', '5555555555', 1),
(22, 1, 'Nasir', 246149, 'kotdwara', '9999999998', 1),
(23, 2, 'Prabhat', 246149, 'lnmiit', '8888888887', 1),
(24, 3, 'Manoj', 246149, 'kotdwara', '7777777776', 1),
(25, 4, 'Anita', 246149, 'kotdwara', '6666666665', 1),
(26, 5, 'Rajesh', 246149, 'kotdwara', '5555555554', 1),
(28, 2, 'Plumber 2', 302031, 'lnmiit', '9999999996', 1),
```

We have also implemented On Delete Cascade Constraint in serviceprovider table, so that whenever a 'Service' is removed from our website, all the records of the service providers of that service are also deleted from the database.

```
ALTER TABLE `serviceprovider`
  ADD CONSTRAINT `fk_SID` FOREIGN KEY (`SID`) REFERENCES `services` (`SID`) ON DELETE CASCADE,
  ADD CONSTRAINT `fk_foreign_key_name` FOREIGN KEY (`SID`) REFERENCES `services` (`SID`);
COMMIT;
```

The admin table contains the following attributes:

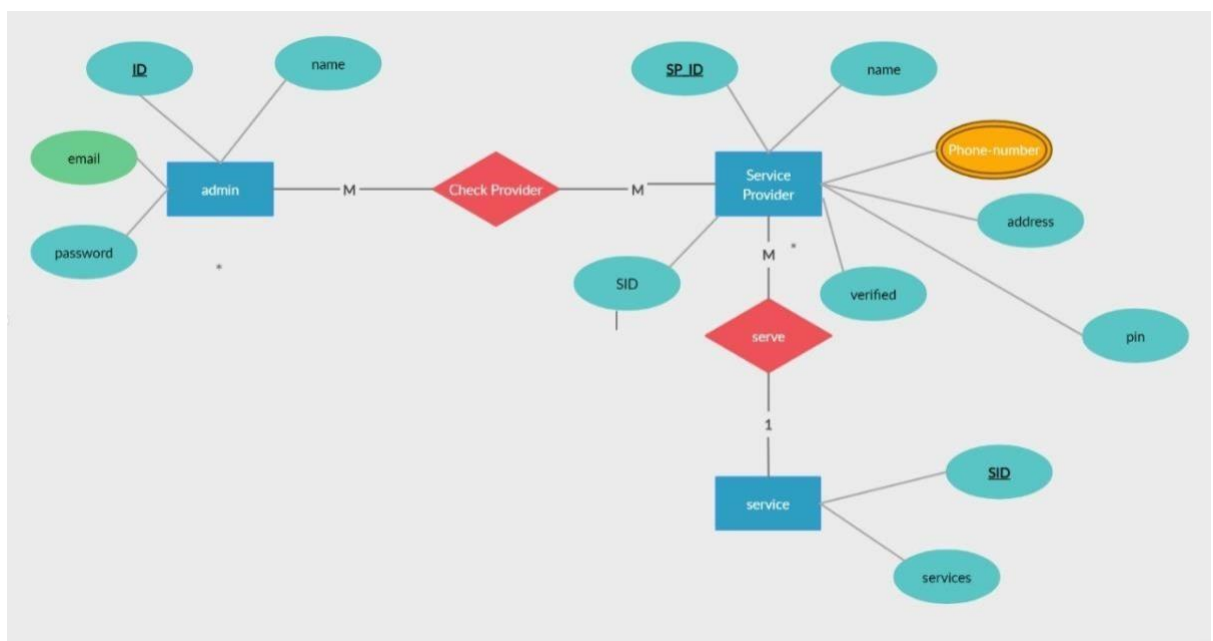
1. ID
2. Name
3. Email
4. Password

```
CREATE TABLE `admins` (
  `ID` int(11) NOT NULL,
  `name` varchar(30) NOT NULL,
  `email` varchar(30) NOT NULL,
  `password` varchar(10) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

The admin table was added in our database to store the login credentials of an admin.

The need of an admin panel was to look after the entries in the database. The admin can verify/un-verify a service provider entry and also delete them from the record.

ER Diagram:



**Project Screenshots:**

## Landing Page:



## Search Page:



## Display of Search Results:

← → ↻ localhost/majboori.com/search\_results.php

Apps Network Login

S.No	Name	Address	Phone No.	Verified
1	Plumber 1	Inmiit	8888888888	<input checked="" type="checkbox"/>
2	Plumber 2	Inmiit	9999999996	<input checked="" type="checkbox"/>
3	Harsh Agarwal	Inmiit	9784293740	<input checked="" type="checkbox"/>

## Contribute Page/Adding Service Providers Page:

localhost/majboori.com/contribute.php

Network Login

Maid ▾

seeta

rupa ki nangal

9392783982

302031|

Submit

## Admin Login Page:

# LOGIN

Email address

Password

LOGIN

## Admin Panel:

S.No	Name	Address	Phone No.	Service	PIN	verified	verify	Delete
1	Electrician 1	Inmiit	9999999999	Electrician	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
2	Plumber 1	Inmiit	8888888888	Plumber	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
3	Laundry 1	Inmiit	7777777777	Laundry	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
4	Maid 1	Inmiit	6666666666	Maid	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
5	Milkman 1	Inmiit	5555555555	Milkman	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
6	Nasir	kotdwara	9999999998	Electrician	246149	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
7	Prabhat	Inmiit	8888888887	Plumber	246149	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
8	Manoj	kotdwara	7777777776	Laundry	246149	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
9	Anita	kotdwara	6666666665	Maid	246149	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
10	Rajesh	kotdwara	5555555554	Milkman	246149	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
11	Plumber 2	Inmiit	9999999996	Plumber	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
12	Laundry 2	Inmiit	7777777775	Laundry	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
13	Maid 2	Inmiit	6666666664	Maid	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
14	Milkman 2	Inmiit	5555555553	Milkman	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
15	Pratik	Inmiit	9267527624	Electrician	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
16	Raunak	Inmiit	9290583639	Electrician	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
17	Harsh Agarwal	Inmiit	9784293740	Plumber	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
18	Utkal	c-114, bh2	9473753828	Electrician	302031	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
19	harsh rathore	malviya nagar, delhi	946010961	Milkman	110017	<input checked="" type="checkbox"/>	<button>Unverify</button>	<button>Delete</button>
20	seeta	rupa ki nangal	9392783982	Maid	302031	<input checked="" type="checkbox"/>	<button>Verify</button>	<button>Delete</button>