Professional Online Services at Doorstep

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Project Guide:-

Pooja Jaiswal Mam

❖ Purpose :

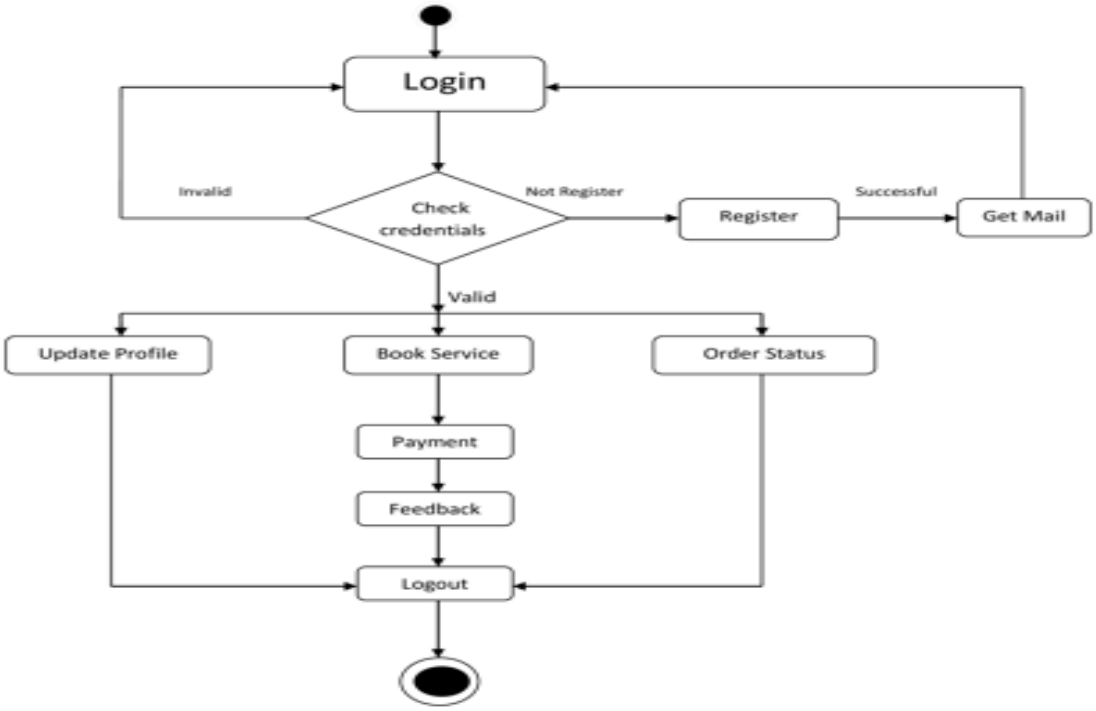
Along with time and cost, convenience is a pertinent factor that influences consumers to purchase services. For the majority of the people, it is hard to find the trustworthy and experienced professional for their in-house work and even after they got one, there is no guarantee that the workers will be available on the same date and time as customer want. Professionals are also struggling to find work. Therefore, to solve these problems, our application platform can be found as a medium to resolve it. Through our platform user can find professionals for their in-house work through various categories of our application and also the professionals can also find some work.

❖ Scope of Project:

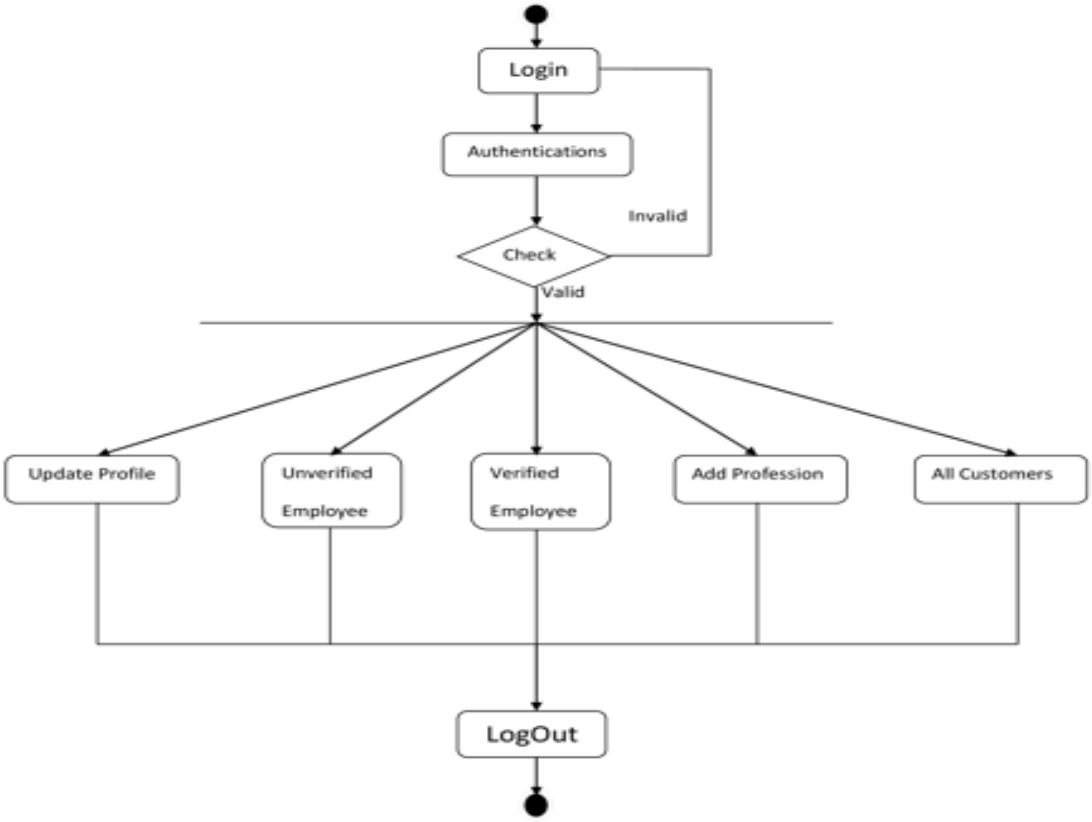
- The main objective of our project is to provide job to unemployed, talented, trustworthy people and also to provide instant services to our customers.
- Our platform can provide the services to the users as well as professionals.
- It provides a platform that allows skilled and experienced professionals to connect with the users looking for specific service.
- It enables users to find any service professionals like Repairers, Painters and Cleaners etc. which are listed on our platform.
- Our platform is the best way that a small business can reach with the seekers through our application and connect with the local audience by showing their services online.
- This system also acknowledges the confirmation of services chosen by the users.
- The system will store all the database records of Customers, Professionals, and the hire request should be available for use 24*7 through the server.
- All login ids and passwords of the Admin, Employee and Customer will be protected for privacy using whatever constraints required in the database or the application.

❖ **Workflow:-**

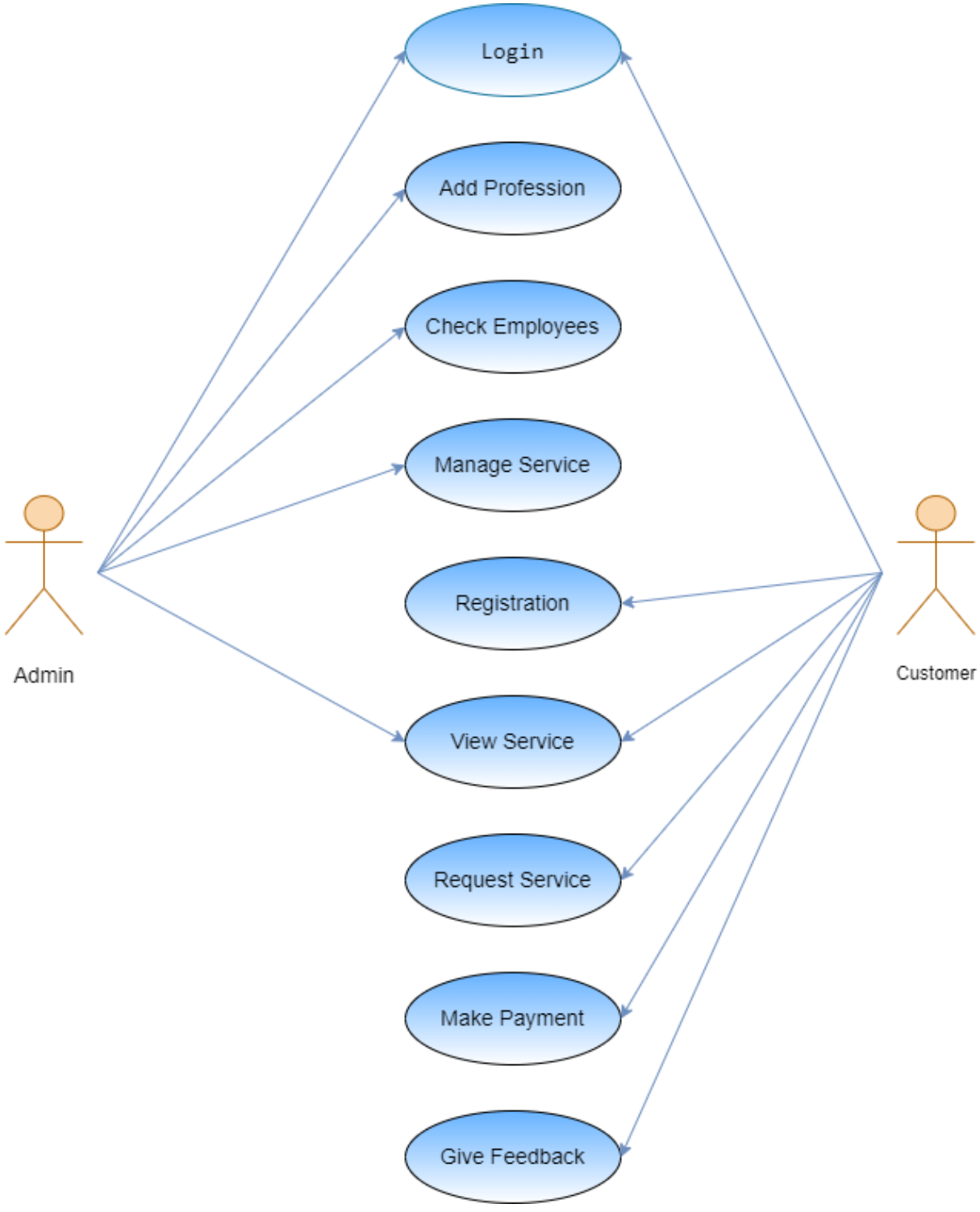
- **For Customer:-**

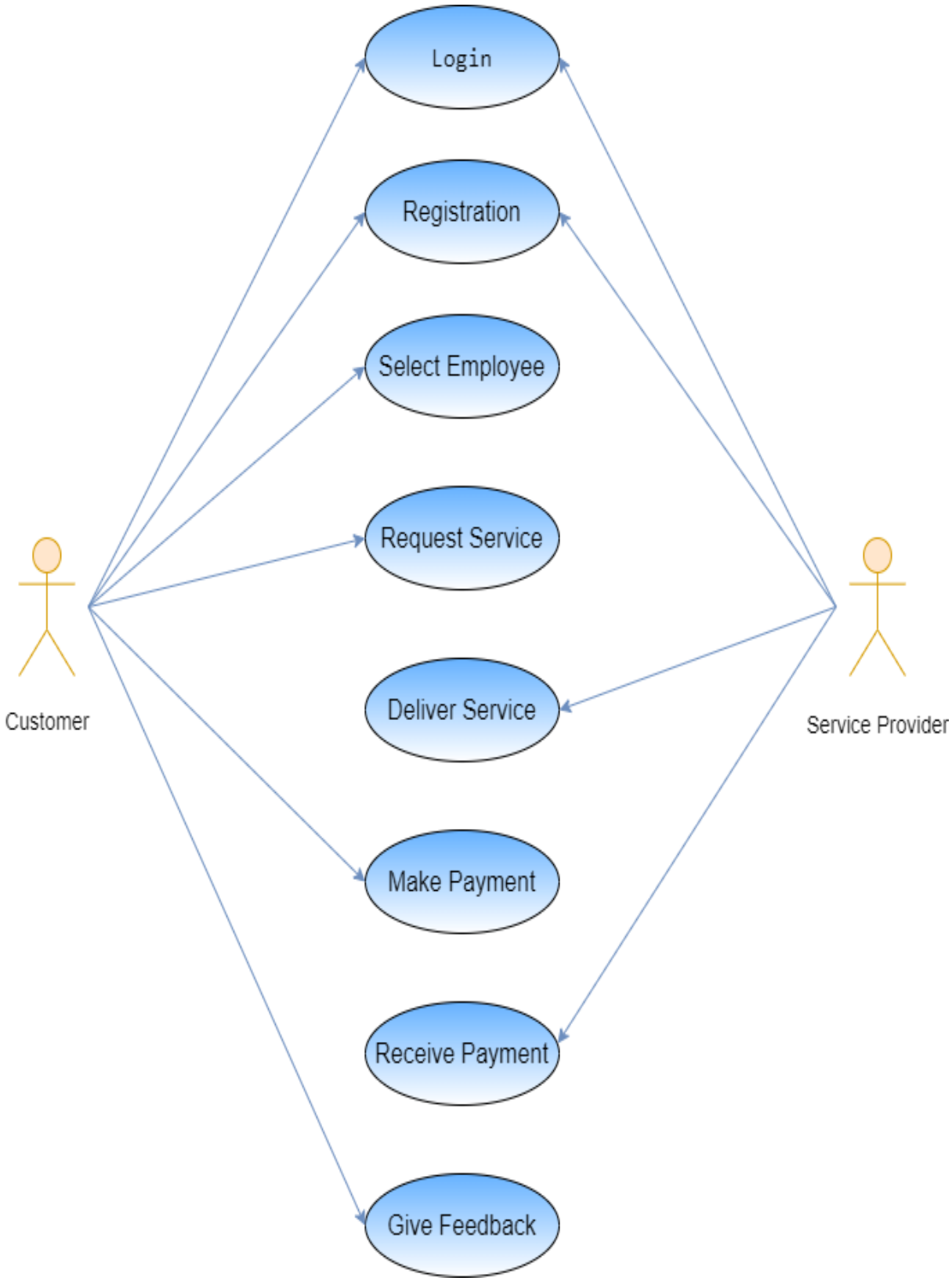


- **For Admin:-**



- **Use-case Diagram**:-

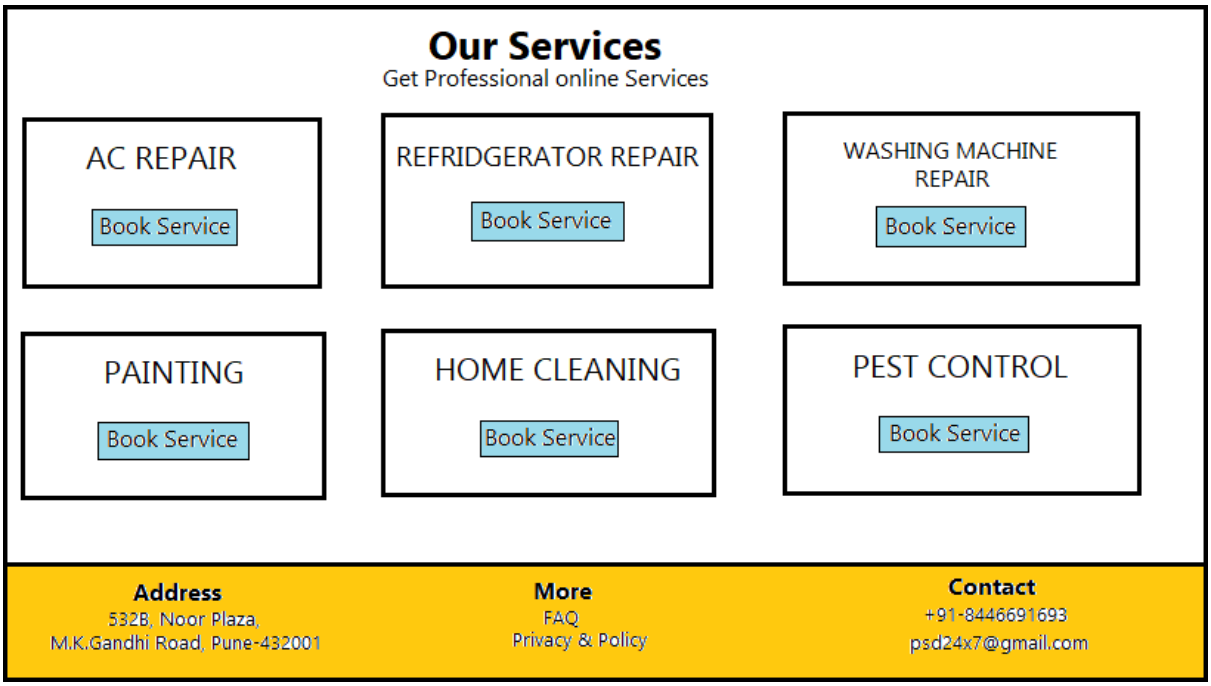



Login
Registration
Select Employee
Request Service
Deliver Service
Make Payment
Receive Payment
Give Feedback
Customer
Service Provider

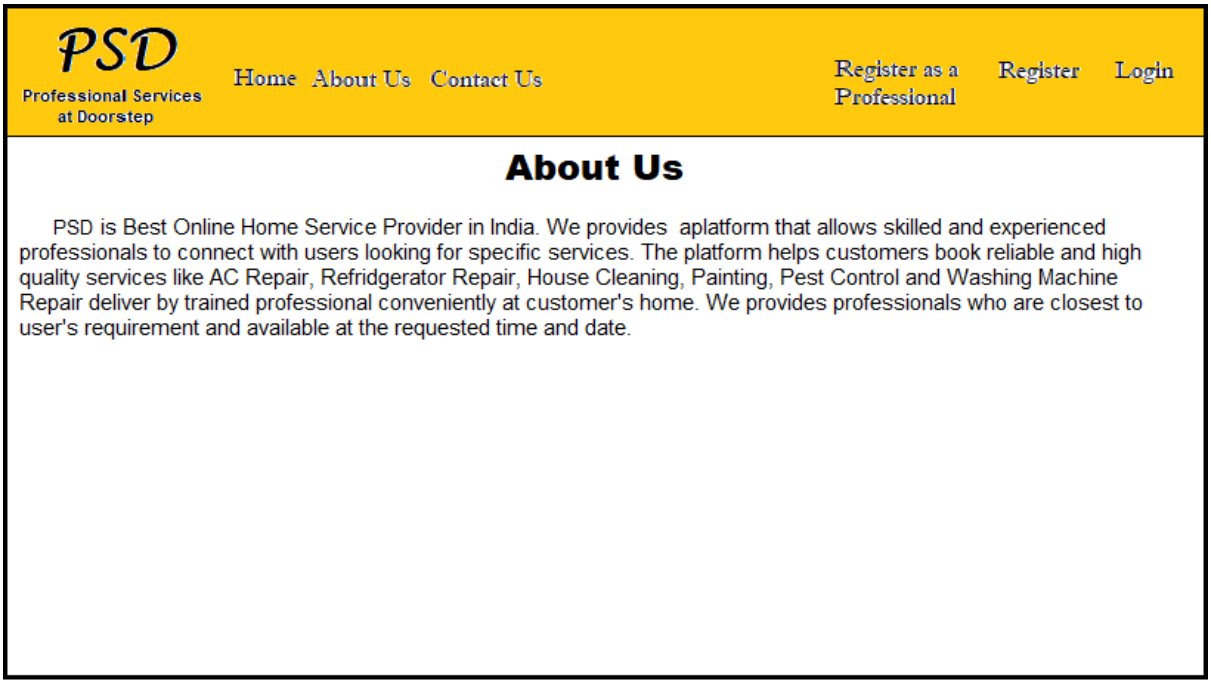
- **UI design/Web Pages:-**

- **Home Page:-**

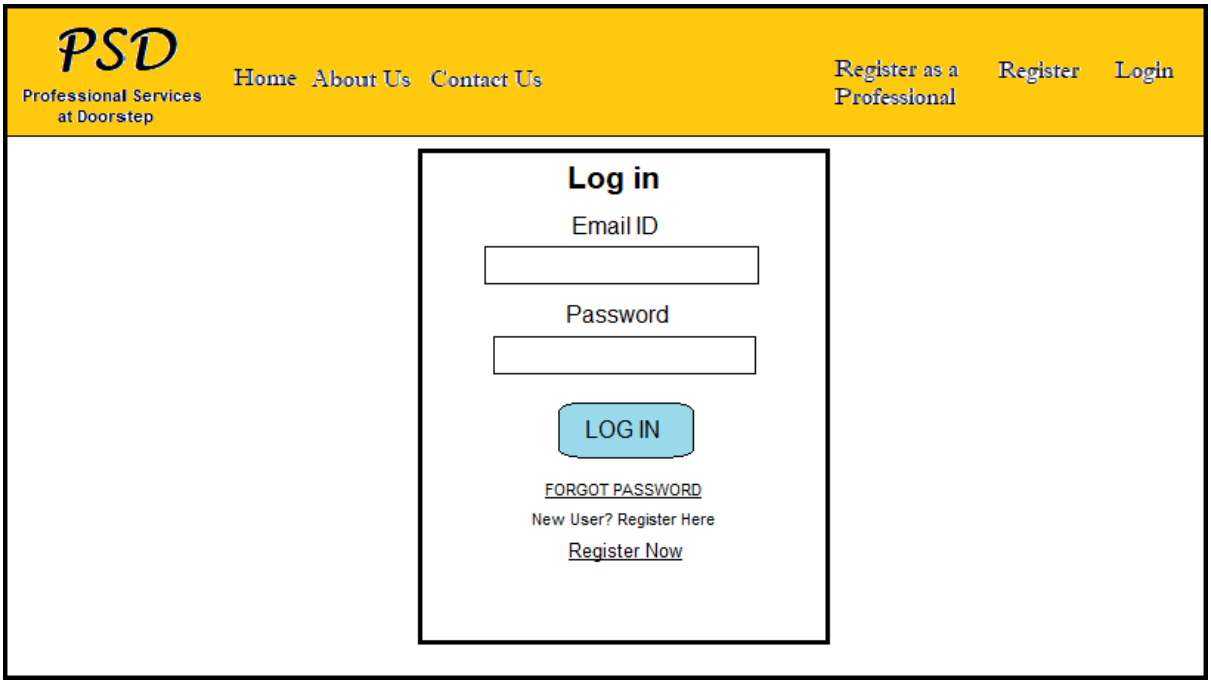
- **Our Services Page:-**



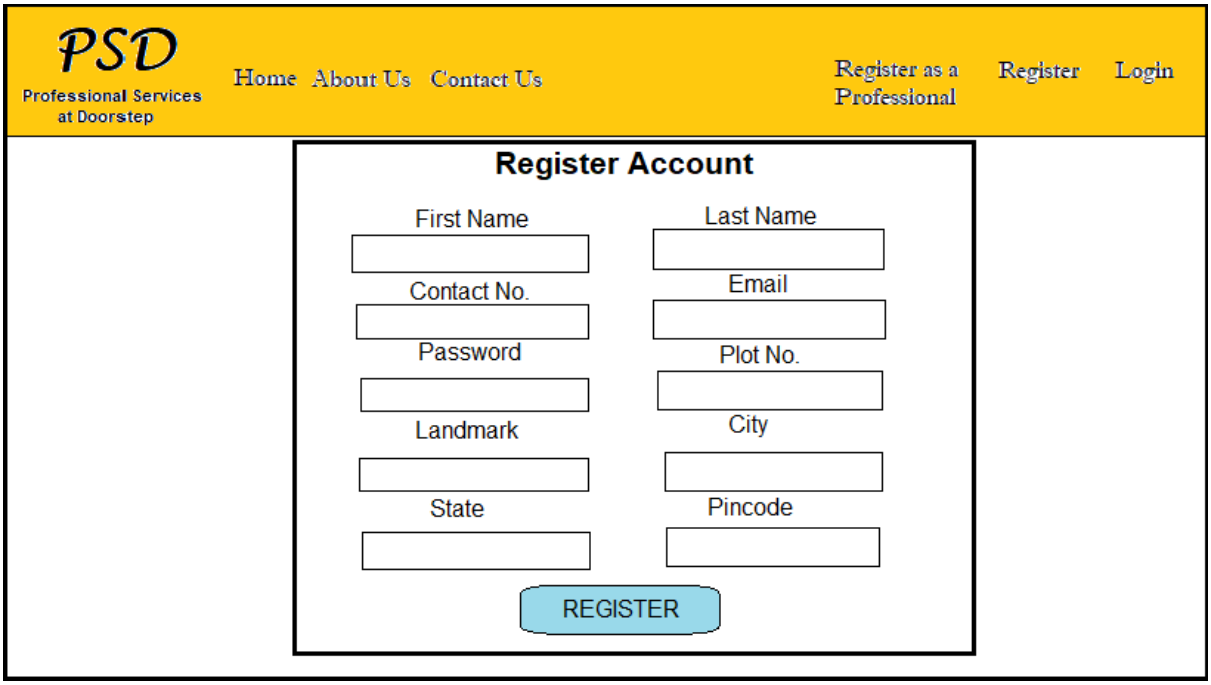
- **About Us Page:-**



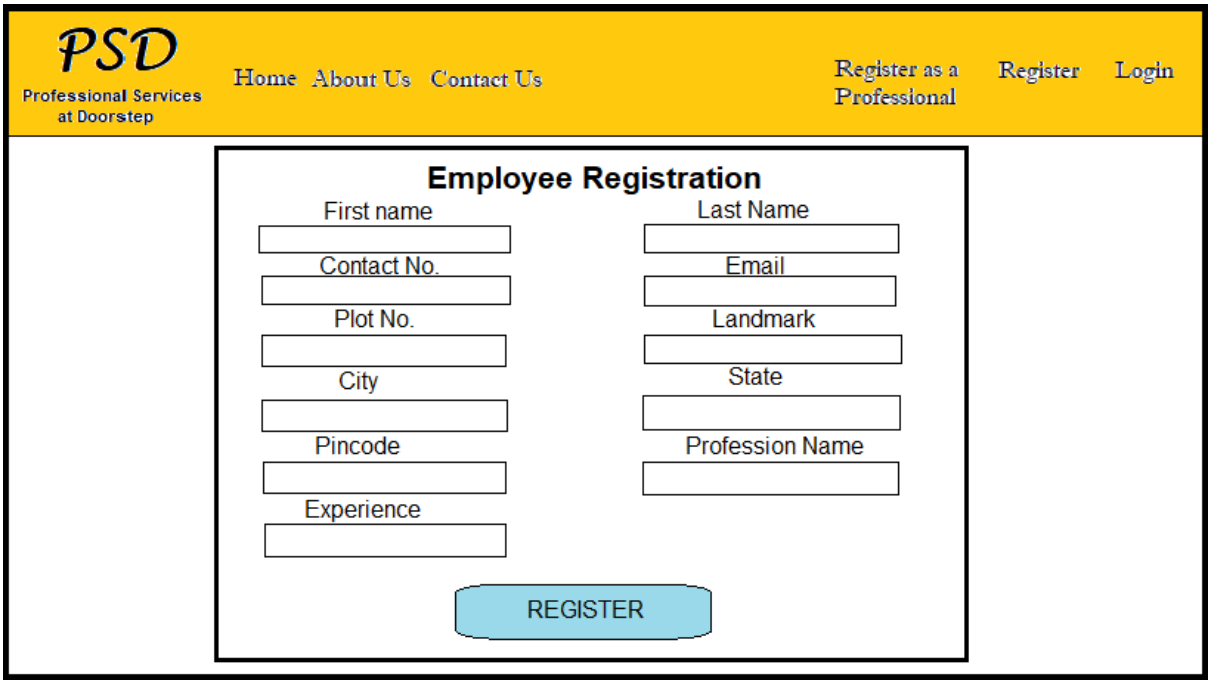
- **Login Page:-**



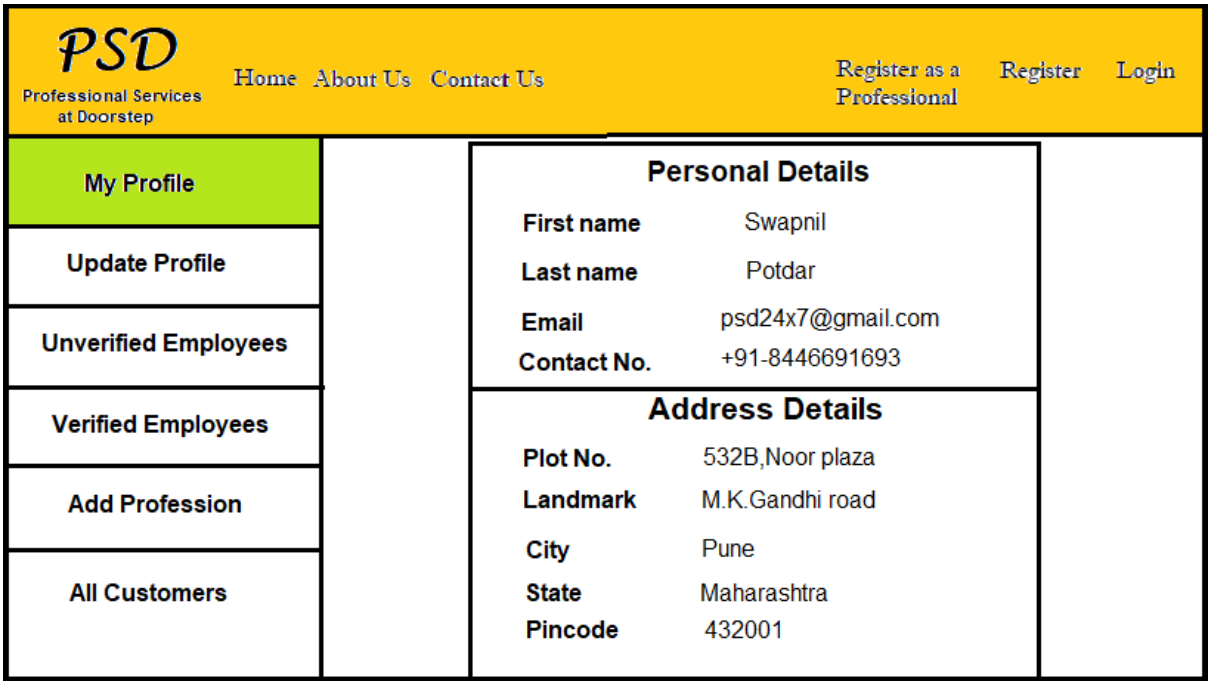
- **Customer Registration Page:-**



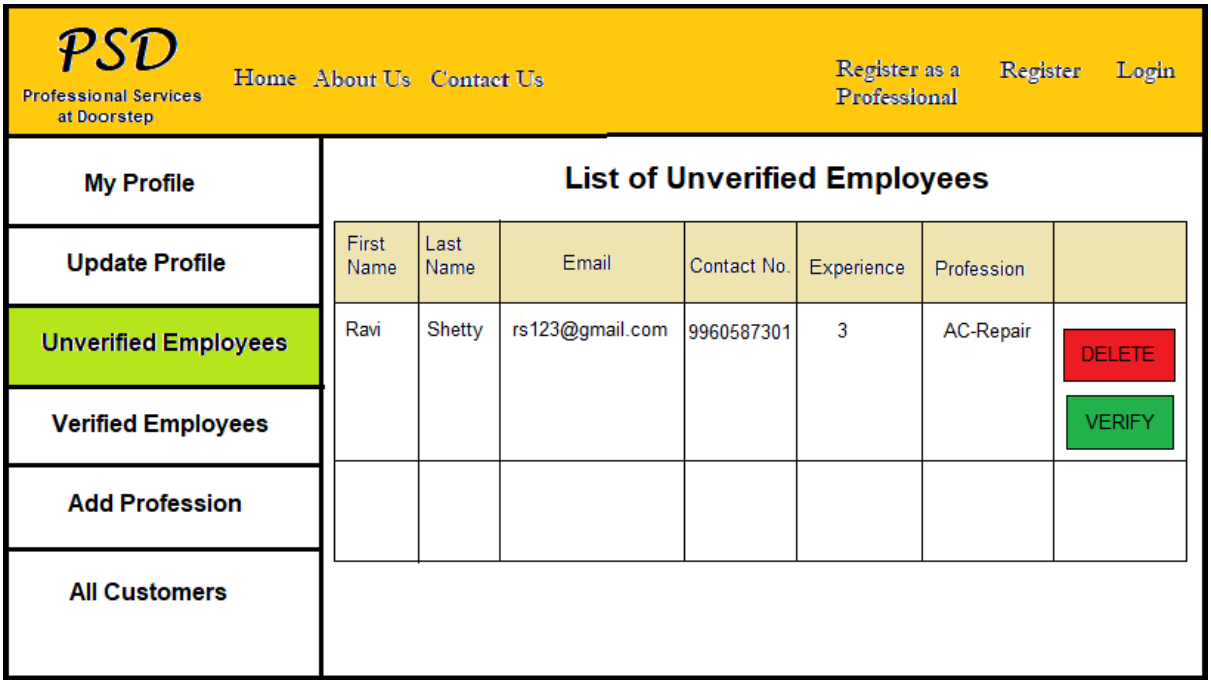
- **Employee Registration Page:-**



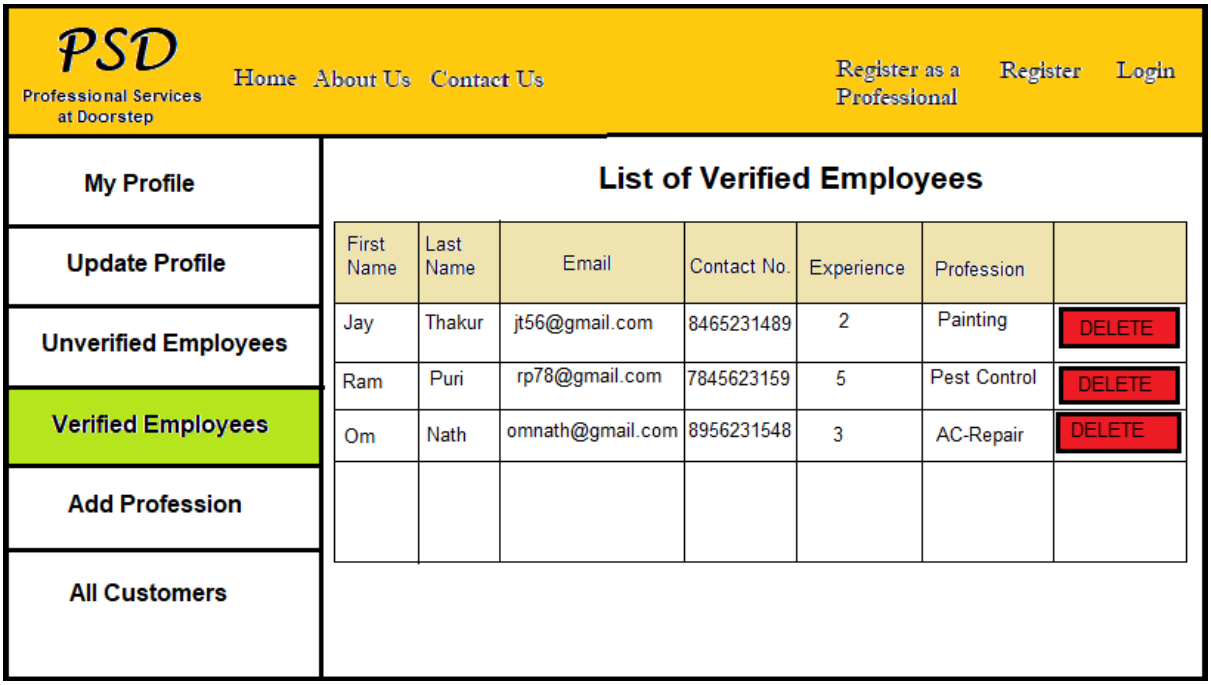
- **Admin Profile:-**



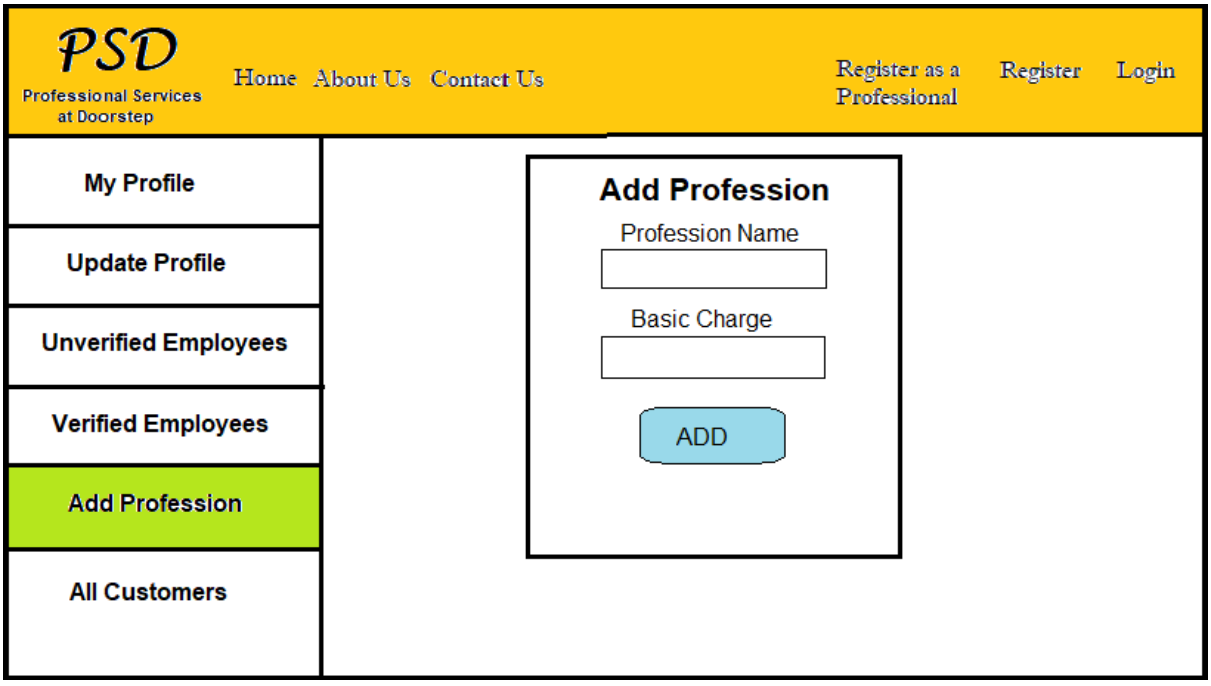
- **Unverified Employees Page:-**



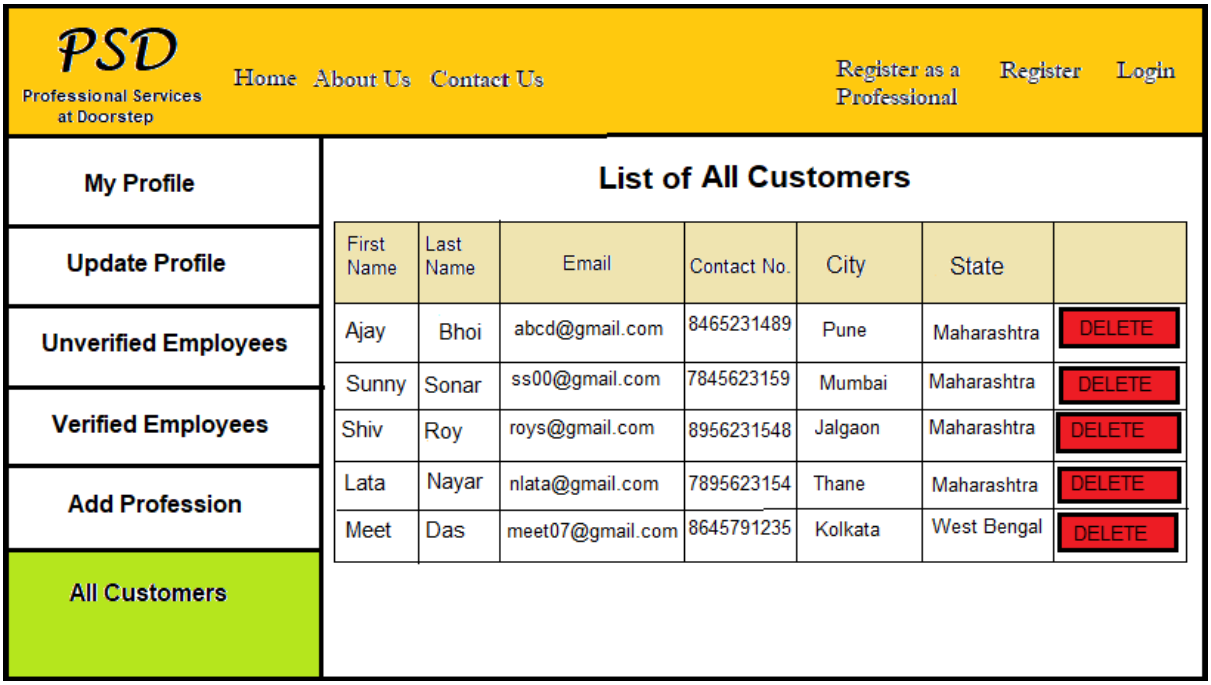
- **Verified Employees Page:-**



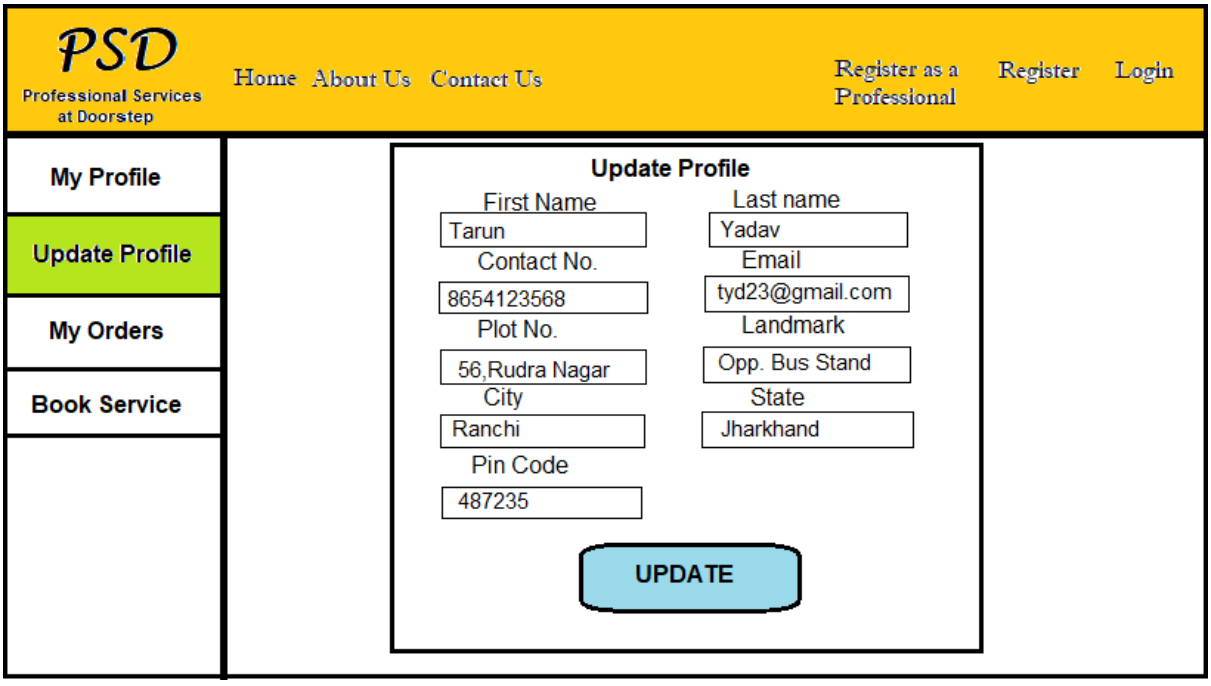
- **Add Profession Page:-**



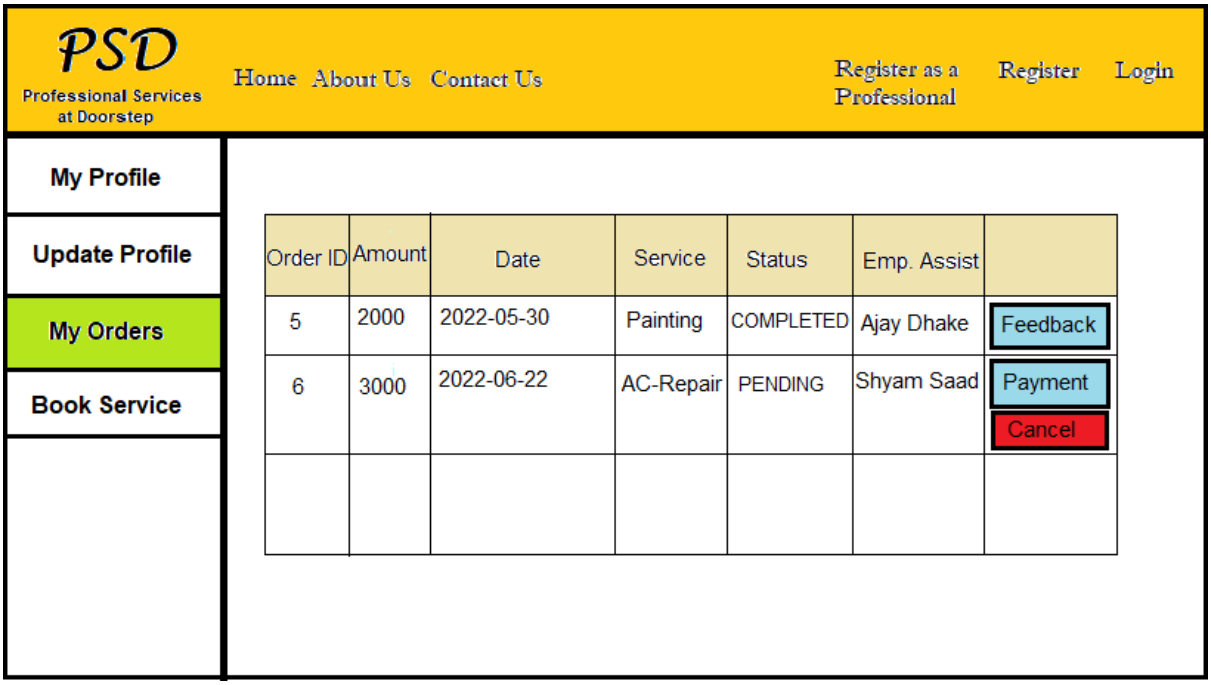
- **All Customers Page:-**



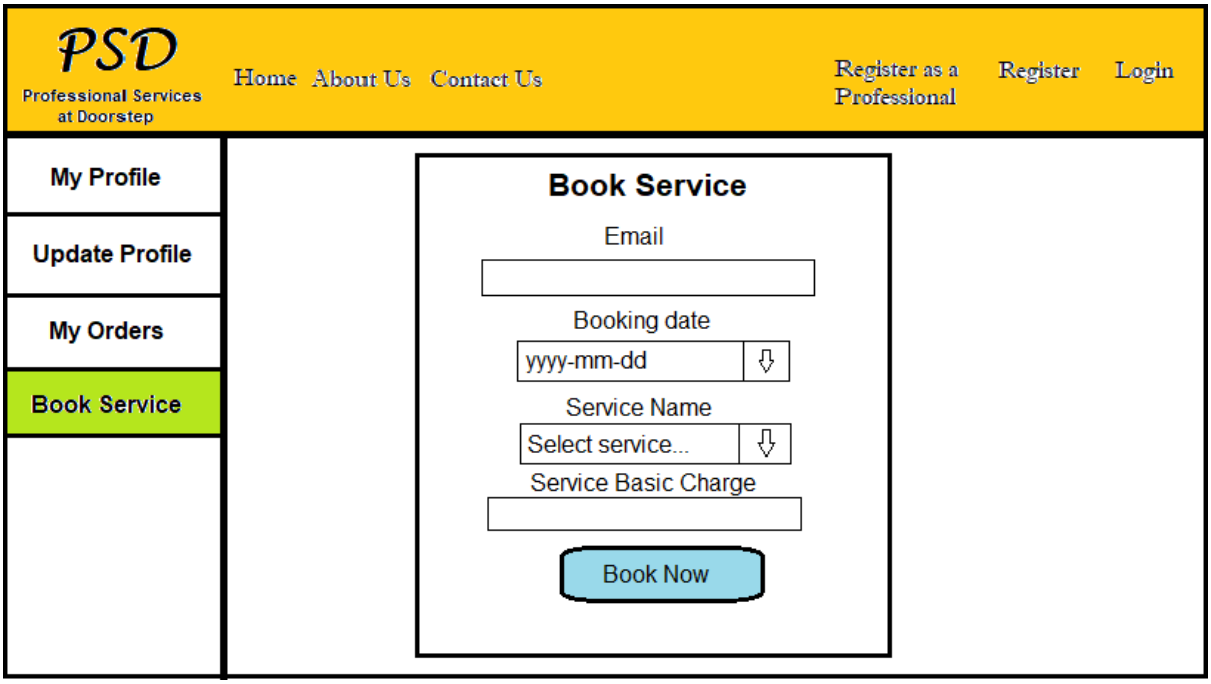
- **Customer Profile Page:-**



- **Order Status Page:-**

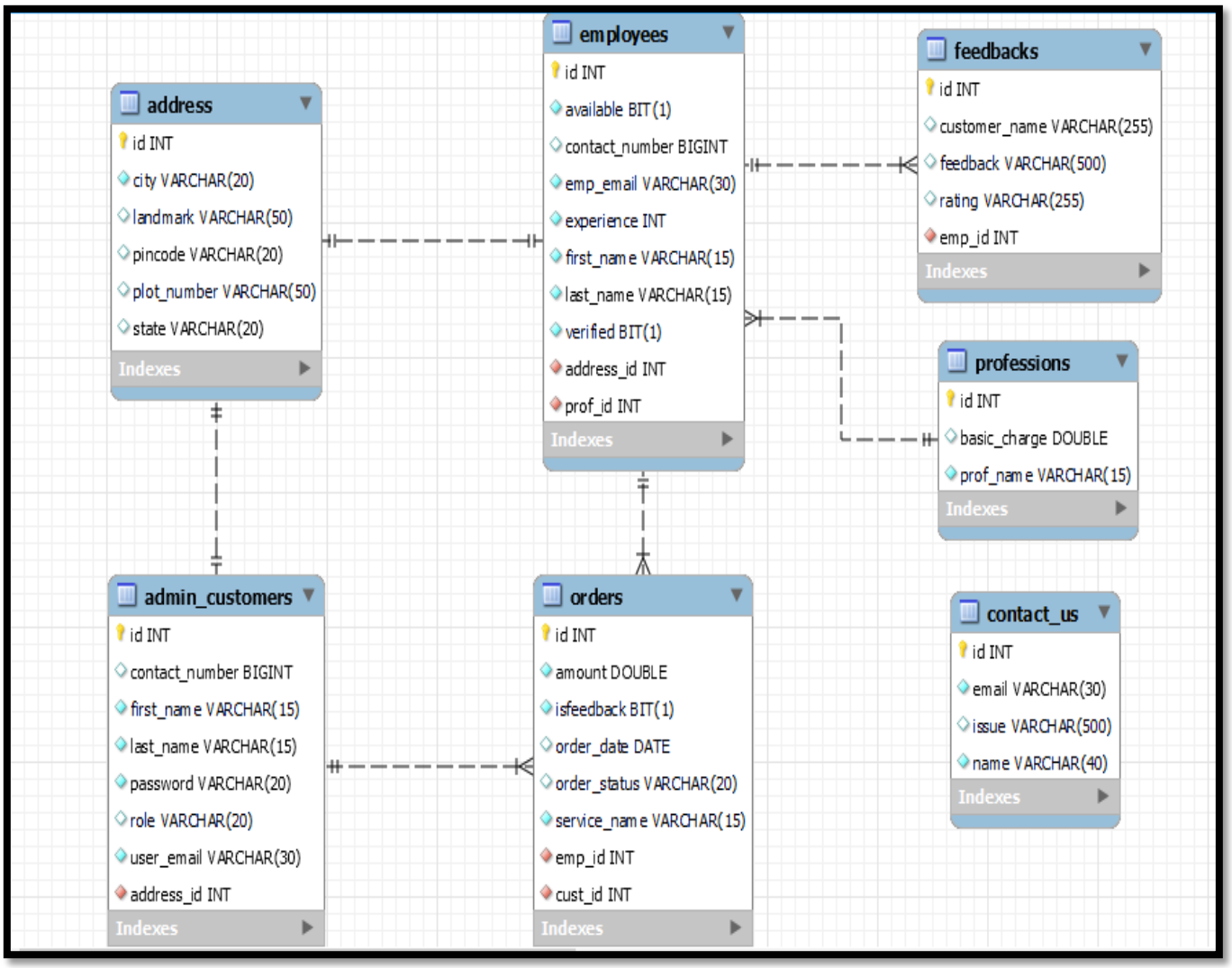


- **Book Service Page:-**



❖ **Database Design:-**

- **ER Diagram:-**



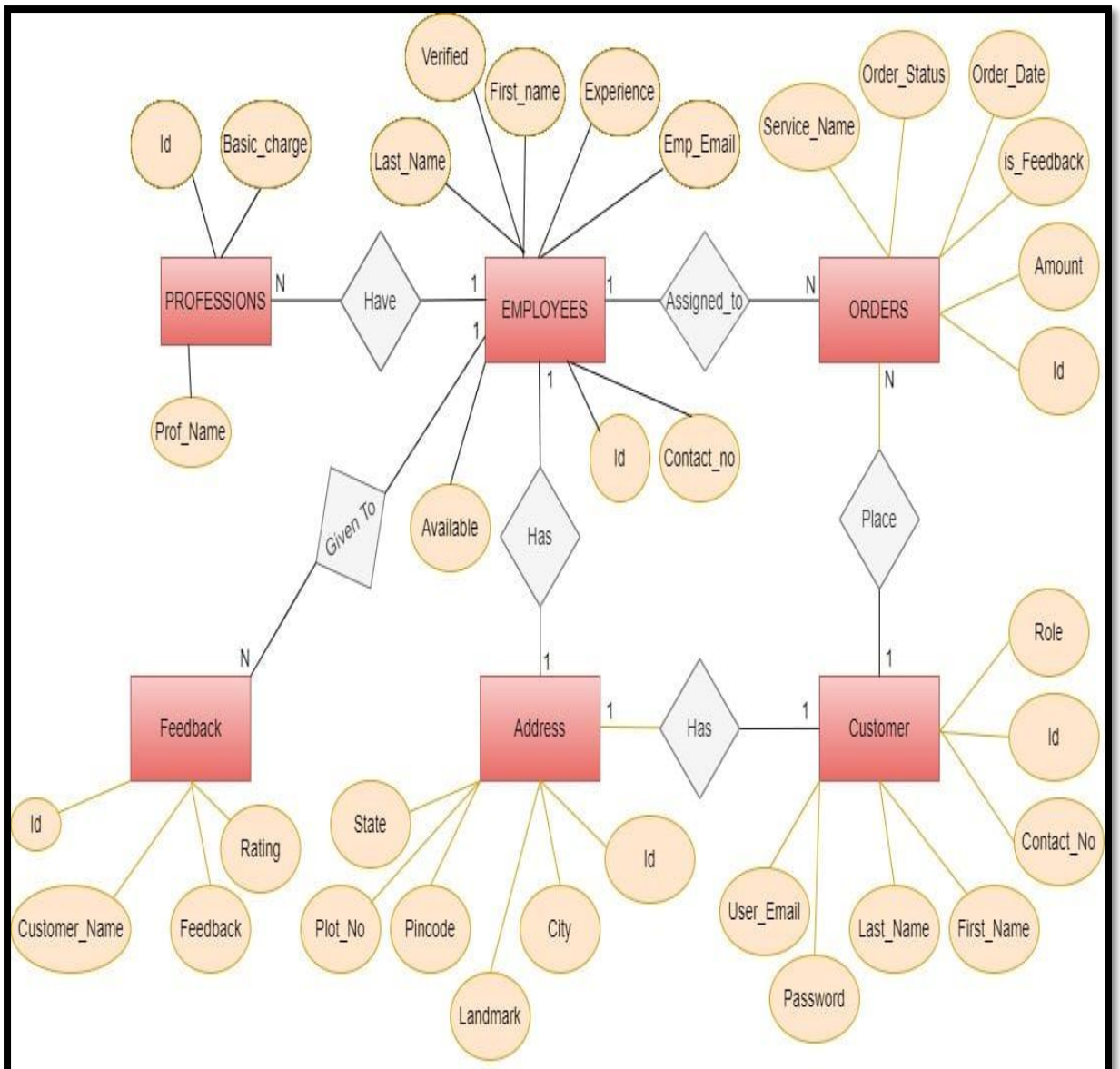


Fig- ER DIAGRAM

- **Database Design:-**

```
D5_SWAPNIL_62797>USE OnlinePSD_Project;
Database changed
D5_SWAPNIL_62797>SELECT DATABASE();
+-------------------+
| DATABASE()        |
+-------------------+
| onlinepsd_project |
+-------------------+
1 row in set (0.00 sec)
```

- **List of Tables:-**

```
D5_SWAPNIL_62797>show tables;
+--------------------------------+
| Tables_in_onlinepsd_project    |
+--------------------------------+
| address                        |
| admin_customers                |
| employees                      |
| feedbacks                      |
| orders                         |
| professions                    |
+--------------------------------+
6 rows in set (0.01 sec)
```

- **Address Table:-**

```
D5_SWAPNIL_62797>CREATE TABLE address
    -> (
    ->     id INTEGER PRIMARY KEY AUTO_INCREMENT,
    ->     city VARCHAR(20) NOT NULL,
    ->     landmark VARCHAR(50),
    ->     pincode VARCHAR(20),
    ->     plot_number VARCHAR(50),
    ->     state VARCHAR(20)
    -> );
Query OK, 0 rows affected (0.03 sec)

D5_SWAPNIL_62797>desc address;
+-------------+-------------+------+-----+---------+----------------+
| Field       | Type        | Null | Key | Default | Extra          |
+-------------+-------------+------+-----+---------+----------------+
| id          | int         | NO   | PRI | NULL    | auto_increment |
| city        | varchar(20) | NO   |     | NULL    |                |
| landmark    | varchar(50) | YES  |     | NULL    |                |
| pincode     | varchar(20) | YES  |     | NULL    |                |
| plot_number | varchar(50) | YES  |     | NULL    |                |
| state       | varchar(20) | YES  |     | NULL    |                |
+-------------+-------------+------+-----+---------+----------------+
6 rows in set (0.00 sec)
```

- **Admin_customers Table:-**

```
D5_SWAPNIL_62797>CREATE TABLE admin_customers
    -> (
    ->     id INTEGER PRIMARY KEY AUTO_INCREMENT,
    ->     contact_number bigint,
    ->     first_name VARCHAR(15) NOT NULL,
    ->     last_name VARCHAR(15) NOT NULL,
    ->     password VARCHAR(20) NOT NULL,
    ->     role VARCHAR(20),
    ->     user_email VARCHAR(30) NOT NULL UNIQUE,
    ->     address_id INTEGER,
    ->     FOREIGN KEY(address_id) REFERENCES address (id)
    -> );
Query OK, 0 rows affected (0.08 sec)

D5_SWAPNIL_62797>desc admin_customers;
+----------------+-------------+------+-----+---------+----------------+
| Field          | Type        | Null | Key | Default | Extra          |
+----------------+-------------+------+-----+---------+----------------+
| id             | int         | NO   | PRI | NULL    | auto_increment |
| contact_number | bigint      | YES  |     | NULL    |                |
| first_name     | varchar(15) | NO   |     | NULL    |                |
| last_name      | varchar(15) | NO   |     | NULL    |                |
| password       | varchar(20) | NO   |     | NULL    |                |
| role           | varchar(20) | YES  |     | NULL    |                |
| user_email     | varchar(30) | NO   | UNI | NULL    |                |
| address_id     | int         | YES  | MUL | NULL    |                |
+----------------+-------------+------+-----+---------+----------------+
8 rows in set (0.01 sec)
```

- **Employees Table:-**

```
D5_SWAPNIL_62797>CREATE TABLE employees
    -> (
    ->     id INTEGER PRIMARY KEY AUTO_INCREMENT,
    ->     adhar_file_name VARCHAR(255),
    ->     available bit(1) NOT NULL,
    ->     contact_number bigint,
    ->     emp_email VARCHAR(30) NOT NULL UNIQUE,
    ->     experience INTEGER NOT NULL,
    ->     first_name VARCHAR(15) NOT NULL,
    ->     last_name VARCHAR(15) NOT NULL,
    ->     password VARCHAR(20) NOT NULL,
    ->     verified bit(1) NOT NULL,
    ->     address_id INTEGER,
    ->     FOREIGN KEY(address_id) REFERENCES address (id),
    ->     prof_id INTEGER NOT NULL,
    ->     FOREIGN KEY(prof_id) REFERENCES professions (id)
    -> );
Query OK, 0 rows affected (0.08 sec)

D5_SWAPNIL_62797>desc employees;
+-----------------+-------------+------+-----+---------+----------------+
| Field           | Type        | Null | Key | Default | Extra          |
+-----------------+-------------+------+-----+---------+----------------+
| id              | int         | NO   | PRI | NULL    | auto_increment |
| adhar_file_name | varchar(255)| YES  |     | NULL    |                |
| available       | bit(1)      | NO   |     | NULL    |                |
| contact_number  | bigint      | YES  |     | NULL    |                |
| emp_email       | varchar(30) | NO   | UNI | NULL    |                |
| experience      | int         | NO   |     | NULL    |                |
| first_name      | varchar(15) | NO   |     | NULL    |                |
| last_name       | varchar(15) | NO   |     | NULL    |                |
| password        | varchar(20) | NO   |     | NULL    |                |
| verified        | bit(1)      | NO   |     | NULL    |                |
| address_id      | int         | YES  | MUL | NULL    |                |
| prof_id         | int         | NO   | MUL | NULL    |                |
+-----------------+-------------+------+-----+---------+----------------+
12 rows in set (0.00 sec)
```

- **Feedbacks Table:-**

```
D5_SWAPNIL_62797>CREATE TABLE feedbacks
    -> (
    ->     id INTEGER PRIMARY KEY AUTO_INCREMENT,
    ->     feedback VARCHAR(500),
    ->     rating VARCHAR(255),
    ->     emp_id INTEGER NOT NULL,
    ->     FOREIGN KEY(emp_id) REFERENCES employees (id),
    ->     customer_name VARCHAR(255)
    -> );
Query OK, 0 rows affected (0.04 sec)

D5_SWAPNIL_62797>desc feedbacks;
+---------------+--------------+------+-----+---------+----------------+
| Field         | Type         | Null | Key | Default | Extra          |
+---------------+--------------+------+-----+---------+----------------+
| id            | int          | NO   | PRI | NULL    | auto_increment |
| feedback      | varchar(500) | YES  |     | NULL    |                |
| rating        | varchar(255) | YES  |     | NULL    |                |
| emp_id        | int          | NO   | MUL | NULL    |                |
| customer_name | varchar(255) | YES  |     | NULL    |                |
+---------------+--------------+------+-----+---------+----------------+
5 rows in set (0.01 sec)
```

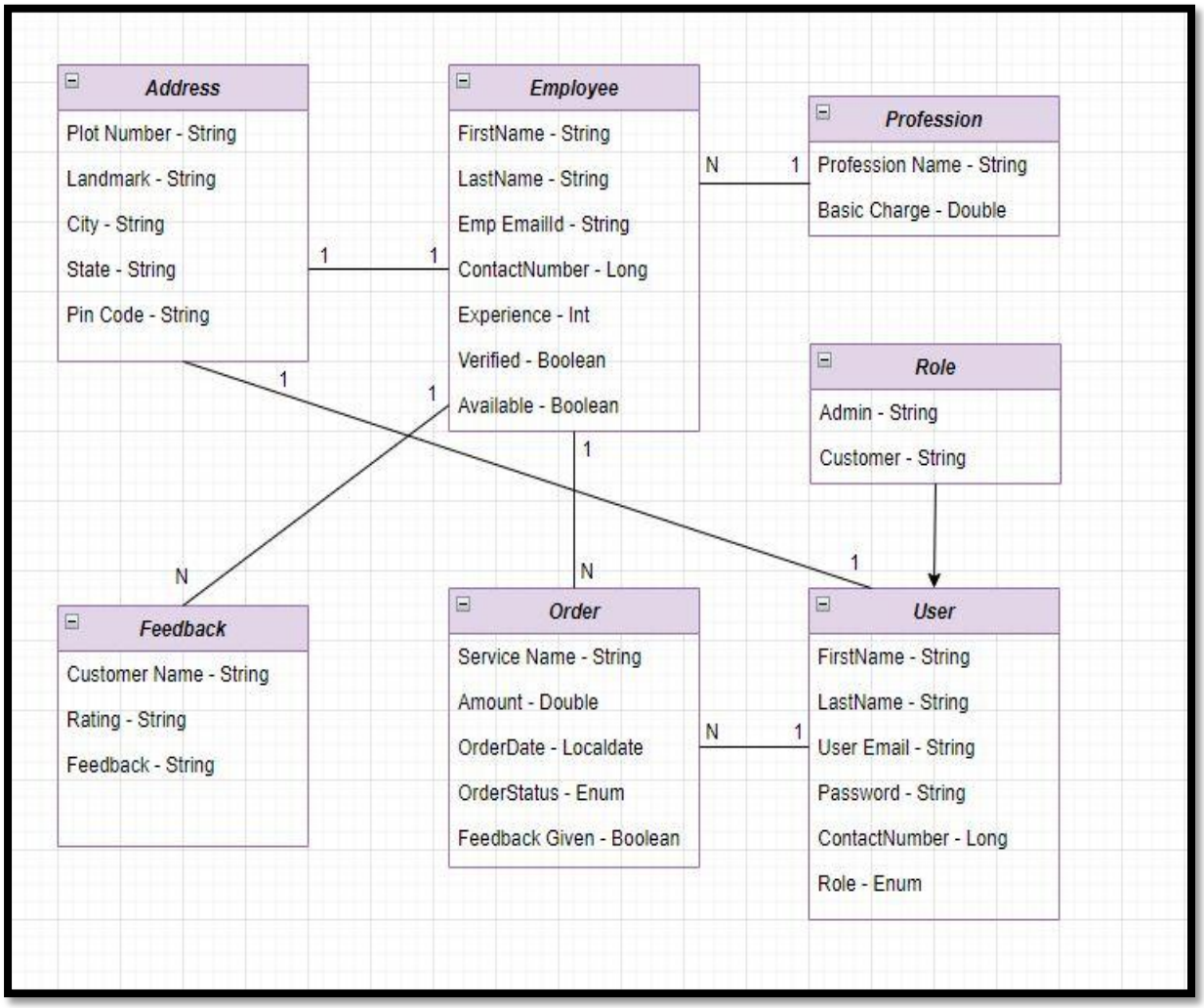
- **Orders Table:-**

```
D5_SWAPNIL_62797>CREATE TABLE orders
    -> (
    ->     id INTEGER PRIMARY KEY AUTO_INCREMENT,
    ->     amount DOUBLE NOT NULL,
    ->     isfeedback bit(1) NOT NULL,
    ->     order_date DATE,
    ->     order_status VARCHAR(20),
    ->     service_name VARCHAR(15),
    ->     emp_id INTEGER,
    ->     FOREIGN KEY(emp_id) REFERENCES employees (id),
    ->     cust_id INTEGER,
    ->     FOREIGN KEY(cust_id) REFERENCES admin_customers (id)
    -> );
Query OK, 0 rows affected (0.07 sec)

D5_SWAPNIL_62797>desc orders;
+--------------+-------------+------+-----+---------+----------------+
| Field        | Type        | Null | Key | Default | Extra          |
+--------------+-------------+------+-----+---------+----------------+
| id           | int         | NO   | PRI | NULL    | auto_increment |
| amount       | double      | NO   |     | NULL    |                |
| isfeedback   | bit(1)      | NO   |     | NULL    |                |
| order_date   | date        | YES  |     | NULL    |                |
| order_status | varchar(20) | YES  |     | NULL    |                |
| service_name | varchar(15) | YES  |     | NULL    |                |
| emp_id       | int         | YES  | MUL | NULL    |                |
| cust_id      | int         | YES  | MUL | NULL    |                |
+--------------+-------------+------+-----+---------+----------------+
8 rows in set (0.01 sec)
```

- **Professions Table:-**

```
D5_SWAPNIL_62797>CREATE TABLE professions
    -> (
    ->     id INTEGER PRIMARY KEY AUTO_INCREMENT,
    ->     basic_charge DOUBLE,
    ->     prof_name VARCHAR(15) NOT NULL UNIQUE
    -> );
Query OK, 0 rows affected (0.06 sec)

D5_SWAPNIL_62797>desc professions;
+--------------+-------------+------+-----+---------+----------------+
| Field        | Type        | Null | Key | Default | Extra          |
+--------------+-------------+------+-----+---------+----------------+
| id           | int         | NO   | PRI | NULL    | auto_increment |
| basic_charge | double      | YES  |     | NULL    |                |
| prof_name    | varchar(15) | NO   | UNI | NULL    |                |
+--------------+-------------+------+-----+---------+----------------+
3 rows in set (0.01 sec)
```

- **Class Diagram:-**