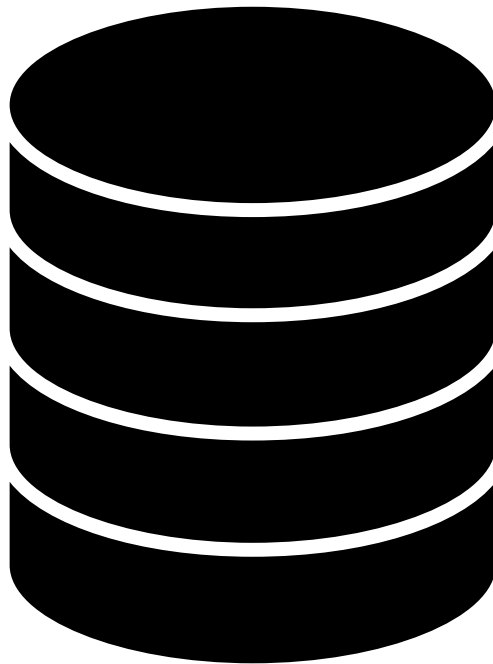


**Project Report**

# **Automobile Showroom Management System**

**Team-52**



# **ABSTRACT**

## **DBMS for Automobile Showroom**

### **Team Members:**

|                  |                     |
|------------------|---------------------|
| BL.EN.U4CSE20159 | Sidda Siri Chandana |
| BL.EN.U4CSE20203 | Vobbilisetti Vikas  |
| BL.EN.U4CSE20204 | Y Ghnana Prasoon    |
| BL.EN.U4CSE20205 | Yedhoti Thrinayani  |

### **Brief Description:**

As the project is an Automobile Showroom's DBMS (for a particular branch), we have three different views or types of users in this (naive users). One view for the Branch Manager who can access almost all the details in the Database. Second view for the employees who work in the showroom, which consists of all the details which can only be displayed to them with restrictions. Third view for the customers, some basic details like their purchases from the store which will be abstracted from the main database and are filtered through their Name and mobile number. There will be login credentials for every customer. Coming to the functions of the Project, we can add, retrieve, delete and modify the data for every specific thing as mentioned above according to the user's view, as in read and write permissions are all dependent on the view type.

### **Front End:**

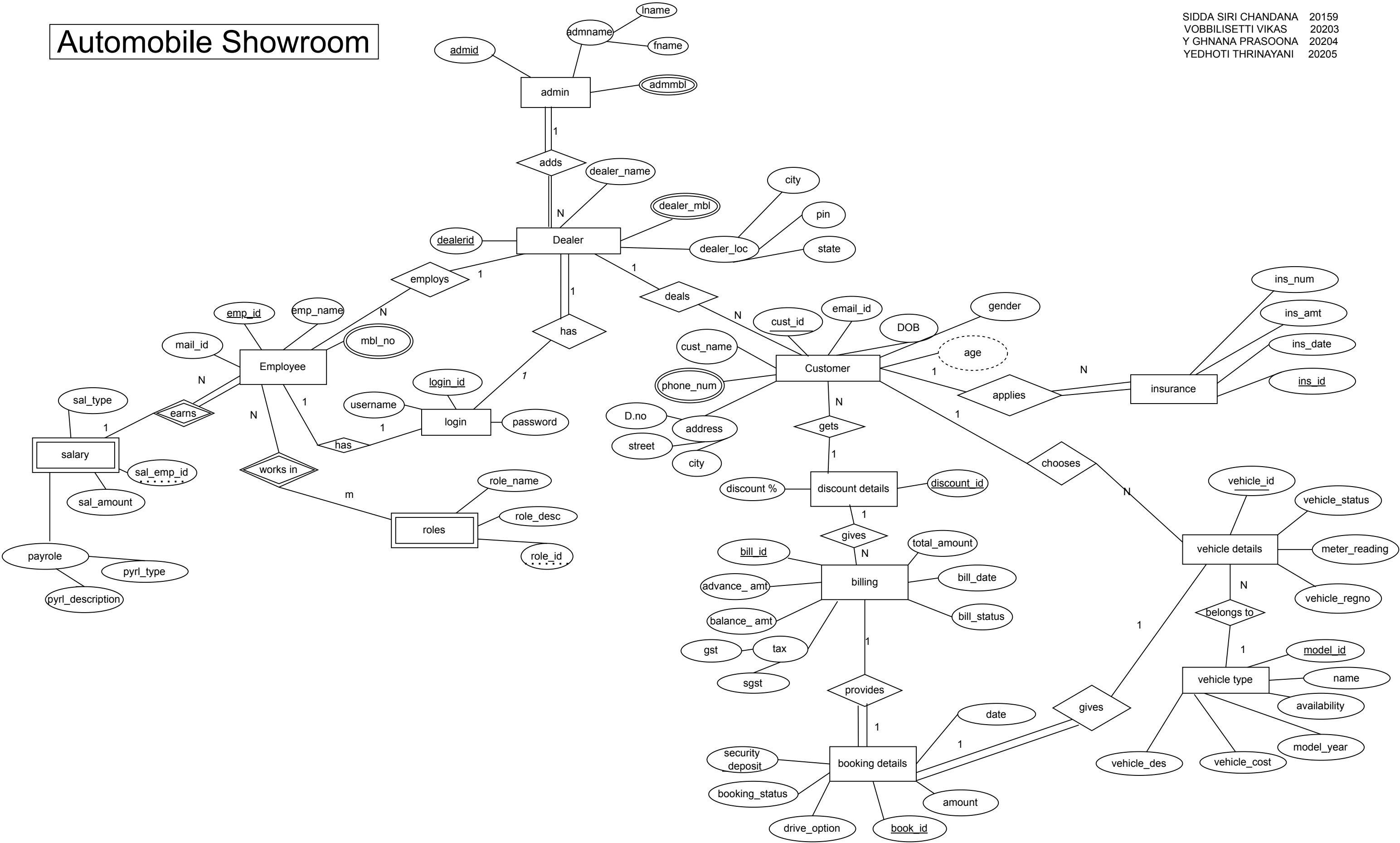
HTML  
CSS  
JavaScript

### **Back End:**

PHP  
MySQL

# Automobile Showroom

SIDDA SIRI CHANDANA 20159  
VOBBILISETTI VIKAS 20203  
Y GHNANA PRASOONA 20204  
YEDHOTI THRINAYANI 20205



# Tables after mapping

1. admin(admid,fname,lname)
2. adm\_phn(admid,admmbi)
3. Dealer(dealerid,dealer\_name,city,state,pin)
4. Dealer\_phn(dealerid,dealer\_mbi)
5. Employee(emp\_id,emp\_name,mail\_id)
6. Employee\_phn(emp\_id,mbi\_no)
7. customer(cust\_id, cust\_name, email\_id, DOB, gender,D.no,street,city)
8. customer\_phn(cust\_id,phone\_num)
9. login(login\_id,username,password)
10. insurance(ins\_id, ins\_num, ins\_amt, ins\_date)
11. discount details(discount\_id, discount%)
12. billing(billing\_id,total\_amount, bill\_date, bill\_status, advance\_amt, balance\_amt,cgst,sgst)
13. vehicle\_details(vehicle\_id,vehicle\_status,vehicle\_regno, meter\_reading)
14. vehicle\_type( model\_id, name , availability, model\_year, vehicle\_cost, vehicle\_des )
15. booking\_details(book\_id, amount, booking\_status, date, security\_deposit, drive\_option)

## Identifying Relations

16. salary(sal\_emp\_id, emp\_id, sal\_type, sal\_amount,pyrl\_description, pyrl\_type)
17. roles(roll\_id, emp\_id,roll\_name,roll\_desc)

## 1:1 Relations

18. Dealer(dealerid,dealer\_name,city,state,pin, login\_id)
19. Employee(emp\_id,emp\_name,mail\_id, login\_id)
20. billing(billing\_id,total\_amount, bill\_date, bill\_status, advance\_amt, balance\_amt,cgst,sgst, book\_id)
21. vehicle\_details(vehicle\_id,vehicle\_status,vehicle\_regno, meter\_reading,booking\_id)

## 1:N Relations

22. Dealer(dealerid,dealer\_name,city,state,pin, admid)
23. Employee(emp\_id,emp\_name,mail\_id,dealerid)
24. customer(cust\_id, cust\_name, email\_id, DOB, gender,D.no,street,city, dealerid)
25. insurance(ins\_id, ins\_num, ins\_amt, ins\_date, cust\_id)
26. vehicle\_details(vehicle\_id,vehicle\_status,vehicle\_regno, meter\_reading,cust\_id)
27. billing(billing\_id,total\_amount,bill\_date,bill\_status,advance\_amt,balance\_amt,gst,sgst,discount\_id)
28. customer(cust\_id, cust\_name, email\_id, DOB, gender,D.no,street,city, discount\_id)
29. vehicle\_details(vehicle\_id,vehicle\_status,vehicle\_regno, meter\_reading, model\_id)
30. Dealer(dealerid,dealer\_name,city,state,pin, admid,login\_id)
31. Employee(emp\_id,emp\_name,mail\_id, login\_id,dealerid)
32. customer(cust\_id, cust\_name, email\_id, DOB, gender,D.no,street,city, discount\_id,dealerid)
33. billing(billing\_id,total\_amount, bill\_date, bill\_status, advance\_amt, balance\_amt,gst,sgst, book\_id,discount\_id)
34. vehicle\_details(vehicle\_id,vehicle\_status,vehicle\_regno, meter\_reading,cust\_id,model\_id,book\_id)

admin - 1  
 dealer- 3,**18,22**  
 employee- 5,**19,23**  
 customer- 7,**24,28**  
 login-9  
 insurance- 10,**25**  
 discountdetails-11  
 billing- 12,**20,27**  
 vehicledetails-13,**21,26,29**  
 vehicletype-14  
 bookingdetails-15

combining tables in bold to get **30,31,32,33,34**

|                                 |                                       |
|---------------------------------|---------------------------------------|
| one- 1,2,4,6,8,9,11,14,15,16,17 | 1,2,9,11,14,15                        |
| combined- 25,30,31,32,33,34     | (30,4),(31,6),(32,8), (33,34) (16,17) |

### Filtered tables:

1,2,9,11,14,15,30,31,32,25,33,34,4,6,8,16,17

### Tables after Filtration:

- 1.admin(admid,fname,lname)
- 2.adm\_phn(admid,admmbbl)
- 9.login(login\_id,username,password)
- 11.discount details(discount\_id, discount%)
- 14.vehicle\_type(model\_id, name , availability, model\_year, vehicle\_cost, vehicle\_des )
- 15.booking\_details(book\_id, amount, booking\_status, date, security\_deposit, drive\_option)
- 30.Dealer(dealerid,dealer\_name,city,state,pin, admid,login\_id)
- 32.customer(cust\_id, cust\_name, email\_id, DOB, gender,D.no,street,city, discount\_id,dealerid)
- 25.insurance(ins\_id, ins\_num, ins\_amt, ins\_date, cust\_id)
- 33.billing(billing\_id,total\_amount, bill\_date, bill\_status, advance\_amt, balance\_amt,gst,sgst, book\_id,discount\_id)
- 34.vehicle\_details(vehicle\_id,vehicle\_status,vehicle\_regno, meter\_reading,cust\_id,model\_id,book\_id)
- 4.Dealer\_phn(dealerid,dealer\_mbl)
- 6.Employee\_phn(emp\_id,mbl\_no)
- 8.customer\_phn(cust\_id,phone\_num)
- 16.salary(sal\_emp\_id,emp\_id, sal\_type, sal\_amount,pyrl\_description, pyrl\_type)
- 17.roles(roll\_id,emp\_id,roll\_name,roll\_desc)

## Modules/Functionalities:

- Insert
- Update
- Select
- Delete

## Screenshots of the systems explaining modules:

### Insertion:

One of the form in the database which inserts customer details into the database is displayed here.

**Join HYUNDAI's Family**

**First Name**  
Y Chinna

**Last Name**  
Reddy

**Email**  
prasad.bheema@gmail.com

**DOB**  
19770615

**Gender**  
M

**Door No**  
106

**Street**  
A-006 Mythri Mithila , Gunjur

**City**  
Bengaluru

**Phone no**  
8555957137

**Proceed**

### After Insertion:

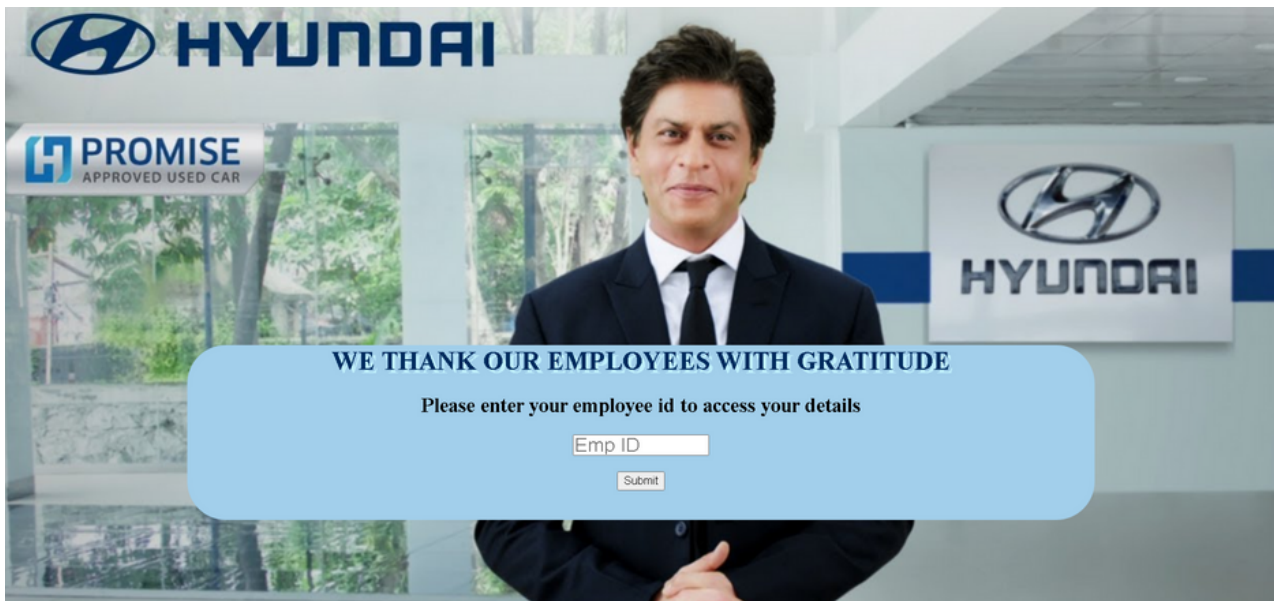
|                          |  |  |  |    |       |              |                 |            |   |      |                           |                    |            |
|--------------------------|--|--|--|----|-------|--------------|-----------------|------------|---|------|---------------------------|--------------------|------------|
| <input type="checkbox"/> |  |  |  | 22 | Siri  | Sidda        | siri@gmail.com  | 2002-09-20 | M | 2003 | C-26, UTCL Township, APCW | Anantapur District | 8555957137 |
| <input type="checkbox"/> |  |  |  | 23 | Vikas | Vobbilisetti | vikas@gmail.com | 2002-04-01 | M | 388  | Gandhi Street             | Rajamundry         | 9876543234 |

☐ Check all    With selected: Edit    Copy    Delete    Export

☐ Show all    Number of rows: 25    Filter rows: Search this table    Sort by key: None

## Selection:

This is where we just enter the employee id whose data we are trying to retrieve.



The image shows a login interface for Hyundai Promise Approved Used Car. It features a background image of a man in a suit. A blue overlay contains the text "WE THANK OUR EMPLOYEES WITH GRATITUDE" and "Please enter your employee id to access your details". Below this is a text input field labeled "Emp ID" and a "Submit" button.

Retrieved data after giving 103 as input:

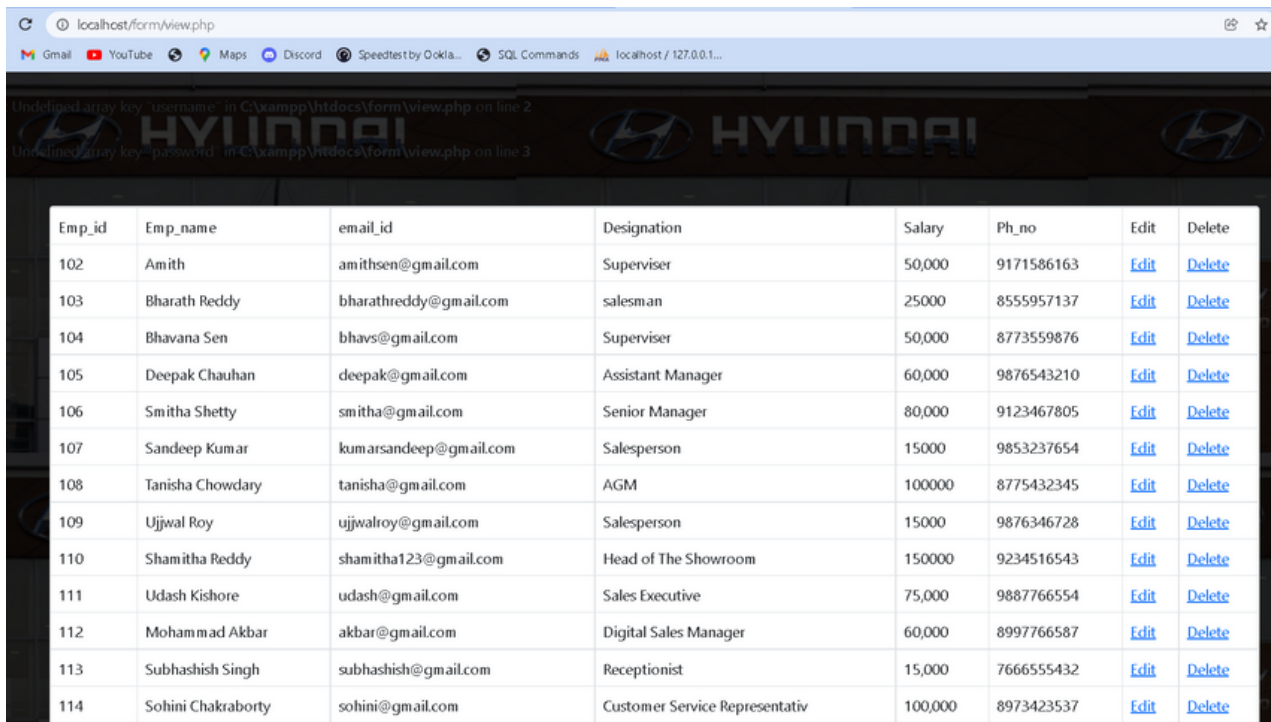
| <i>Employee Details</i> |               |                        |             |        |            |
|-------------------------|---------------|------------------------|-------------|--------|------------|
| Emp_id                  | Emp_name      | Email                  | designation | salary | ph_no      |
| 103                     | Bharath Reddy | bharathreddy@gmail.com | salesman    | 25000  | 8555957137 |

Data in the Database:

| Emp_id | Emp_name           | email_id               | Designation                    | Salary  | Ph_no      |
|--------|--------------------|------------------------|--------------------------------|---------|------------|
| 102    | Amith              | amithsen@gmail.com     | Supervisor                     | 50,000  | 9171586163 |
| 103    | Bharath Reddy      | bharathreddy@gmail.com | salesman                       | 25000   | 8555957137 |
| 104    | Bhavana Sen        | bhavs@gmail.com        | Supervisor                     | 50,000  | 8773559876 |
| 105    | Deepak Chauhan     | deepak@gmail.com       | Assistant Manager              | 60,000  | 9876543210 |
| 106    | Smitha Shetty      | smitha@gmail.com       | Senior Manager                 | 80,000  | 9123467805 |
| 107    | Sandeep Kumar      | kumarsandeep@gmail.com | Salesperson                    | 15000   | 9853237654 |
| 108    | Tanisha Chowdary   | tanisha@gmail.com      | AGM                            | 100000  | 8775432345 |
| 109    | Ujjwal Roy         | ujjwalroy@gmail.com    | Salesperson                    | 15000   | 9876346728 |
| 110    | Shamitha Reddy     | shamitha123@gmail.com  | Head of The Showroom           | 150000  | 9234516543 |
| 111    | Udash Kishore      | udash@gmail.com        | Sales Executive                | 75,000  | 9887766554 |
| 112    | Mohammad Akbar     | akbar@gmail.com        | Digital Sales Manager          | 60,000  | 8997766587 |
| 113    | Subhashish Singh   | subhashish@gmail.com   | Receptionist                   | 15,000  | 7666555432 |
| 114    | Sohini Chakraborty | sohini@gmail.com       | Customer Service Representativ | 100,000 | 8973423537 |

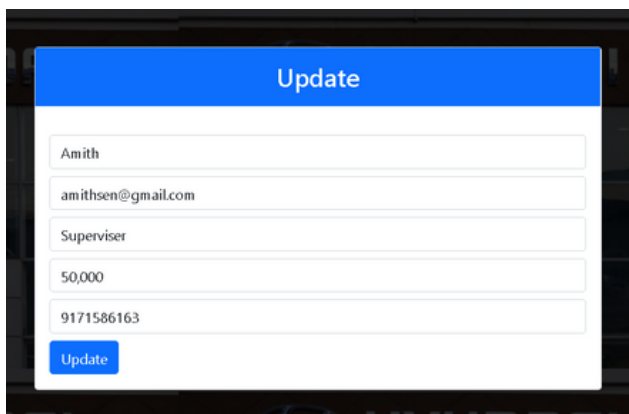
## Updation:

Before Updation:

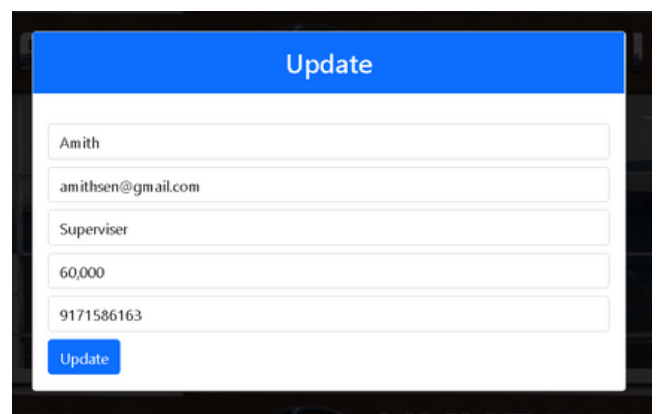


| Emp_id | Emp_name           | email_id               | Designation                    | Salary  | Ph_no      | Edit                 | Delete                 |
|--------|--------------------|------------------------|--------------------------------|---------|------------|----------------------|------------------------|
| 102    | Amith              | amithsen@gmail.com     | Supervisor                     | 50,000  | 9171586163 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 103    | Bharath Reddy      | bharathreddy@gmail.com | salesman                       | 25000   | 8555957137 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 104    | Bhavana Sen        | bhavs@gmail.com        | Supervisor                     | 50,000  | 8773559876 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 105    | Deepak Chauhan     | deepak@gmail.com       | Assistant Manager              | 60,000  | 9876543210 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 106    | Smitha Shetty      | smitha@gmail.com       | Senior Manager                 | 80,000  | 9123467805 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 107    | Sandeep Kumar      | kumarsandeep@gmail.com | Salesperson                    | 15000   | 9853237654 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 108    | Tanisha Chowdary   | tanisha@gmail.com      | AGM                            | 100000  | 8775432345 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 109    | Ujjwal Roy         | ujjwalroy@gmail.com    | Salesperson                    | 15000   | 9876346728 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 110    | Shamitha Reddy     | shamitha123@gmail.com  | Head of The Showroom           | 150000  | 9234516543 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 111    | Udash Kishore      | udash@gmail.com        | Sales Executive                | 75,000  | 9887766554 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 112    | Mohammad Akbar     | akbar@gmail.com        | Digital Sales Manager          | 60,000  | 8997766587 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 113    | Subhashish Singh   | subhashish@gmail.com   | Receptionist                   | 15,000  | 7666555432 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 114    | Sohini Chakraborty | sohini@gmail.com       | Customer Service Representativ | 100,000 | 8973423537 | <a href="#">Edit</a> | <a href="#">Delete</a> |

During Updation:

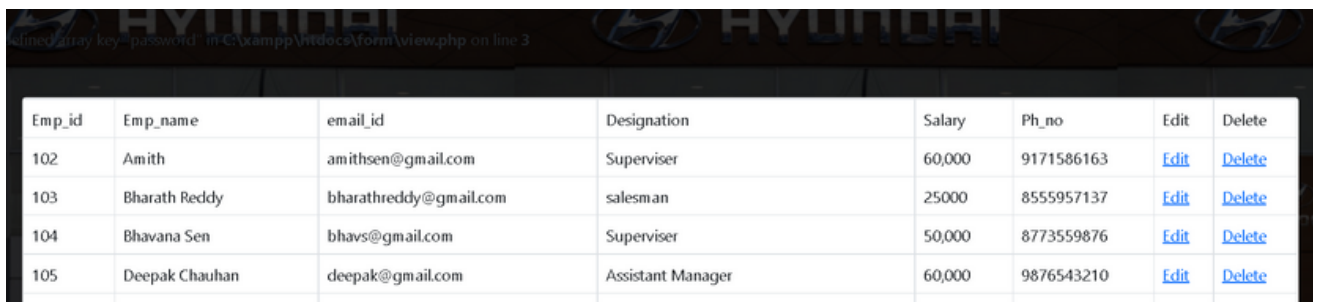


### Update



### Update

After Updation:

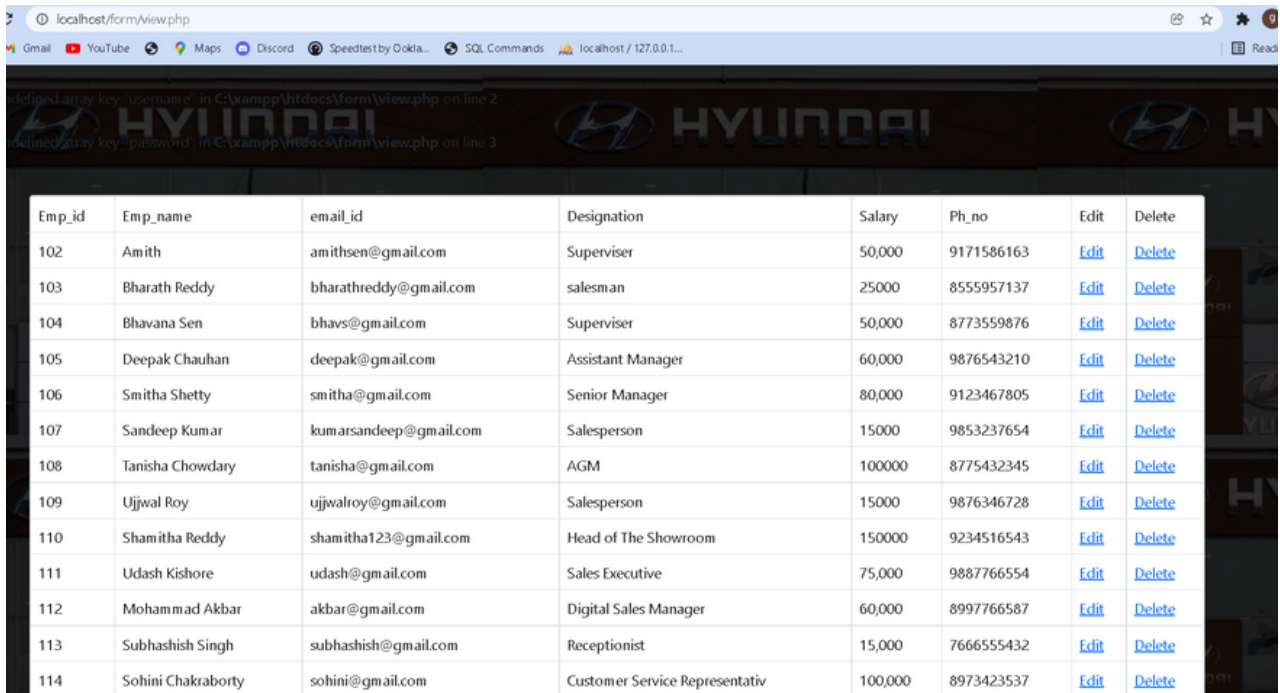


| Emp_id | Emp_name       | email_id               | Designation       | Salary | Ph_no      | Edit                 | Delete                 |
|--------|----------------|------------------------|-------------------|--------|------------|----------------------|------------------------|
| 102    | Amith          | amithsen@gmail.com     | Supervisor        | 60,000 | 9171586163 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 103    | Bharath Reddy  | bharathreddy@gmail.com | salesman          | 25000  | 8555957137 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 104    | Bhavana Sen    | bhavs@gmail.com        | Supervisor        | 50,000 | 8773559876 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 105    | Deepak Chauhan | deepak@gmail.com       | Assistant Manager | 60,000 | 9876543210 | <a href="#">Edit</a> | <a href="#">Delete</a> |



## Deletion:

Before Deletion:



| Emp_id | Emp_name           | email_id               | Designation                    | Salary  | Ph_no      | Edit                 | Delete                 |
|--------|--------------------|------------------------|--------------------------------|---------|------------|----------------------|------------------------|
| 102    | Amith              | amithsen@gmail.com     | Supervisor                     | 50,000  | 9171586163 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 103    | Bharath Reddy      | bharathreddy@gmail.com | salesman                       | 25000   | 8555957137 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 104    | Bhavana Sen        | bhavs@gmail.com        | Supervisor                     | 50,000  | 8773559876 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 105    | Deepak Chauhan     | deepak@gmail.com       | Assistant Manager              | 60,000  | 9876543210 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 106    | Smitha Shetty      | smitha@gmail.com       | Senior Manager                 | 80,000  | 9123467805 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 107    | Sandeep Kumar      | kumarsandeep@gmail.com | Salesperson                    | 15000   | 9853237654 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 108    | Tanisha Chowdary   | tanisha@gmail.com      | AGM                            | 100000  | 8775432345 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 109    | Ujjwal Roy         | ujjwalroy@gmail.com    | Salesperson                    | 15000   | 9876346728 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 110    | Shamitha Reddy     | shamitha123@gmail.com  | Head of The Showroom           | 150000  | 9234516543 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 111    | Udash Kishore      | udash@gmail.com        | Sales Executive                | 75,000  | 9887766554 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 112    | Mohammad Akbar     | akbar@gmail.com        | Digital Sales Manager          | 60,000  | 8997766587 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 113    | Subhashish Singh   | subhashish@gmail.com   | Receptionist                   | 15,000  | 7666555432 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 114    | Sohini Chakraborty | sohini@gmail.com       | Customer Service Representativ | 100,000 | 8973423537 | <a href="#">Edit</a> | <a href="#">Delete</a> |

After Deletion:



|     |                  |                      |                       |        |            |                      |                        |
|-----|------------------|----------------------|-----------------------|--------|------------|----------------------|------------------------|
| 111 | Udash Kishore    | udash@gmail.com      | Sales Executive       | 75,000 | 9887766554 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 112 | Mohammad Akbar   | akbar@gmail.com      | Digital Sales Manager | 60,000 | 8997766587 | <a href="#">Edit</a> | <a href="#">Delete</a> |
| 113 | Subhashish Singh | subhashish@gmail.com | Receptionist          | 15,000 | 7666555432 | <a href="#">Edit</a> | <a href="#">Delete</a> |

