



**P.E.Society's**  
**MODERN COLLEGE OF**  
**ARTS, SCIENCE & COMMERCE.**  
(Business Administration Campus),  
SHIVAJI NAGAR, PUNE 411005.

**Cab Service Management System**

**Name : Aniket Pandurang Digge    Enroll No : 7919**

**Name : Ronit Sanjay Kohinkar    Enroll No : 8556**

**Class: TYBBA(CA)**

**Div: A**

**Project Guide**

**Prof. Vaibhav Thakare**

## **SYNOPSIS**

### **EXISTING SYSTEM**

In the existing system the case details are maintained manually. The application details employee details, driver details, car details, customer details etc. Are maintained manually. The study of the existing system revealed that the system has several drawbacks.

#### **Limitations:**

- The existing system has no security measures.
- The system does not have any reports and thus did not help management in decision-making.
- The case information's per day is unable to find.
- It's time consuming.
- Chances for errors because the data are maintained manually.
- Existing system uses different system to maintain employee, drivers, cars and customer data
- Coordination with customer is manually so can't reach toward all customer's directly.

### **PROPOSED SYSTEM**

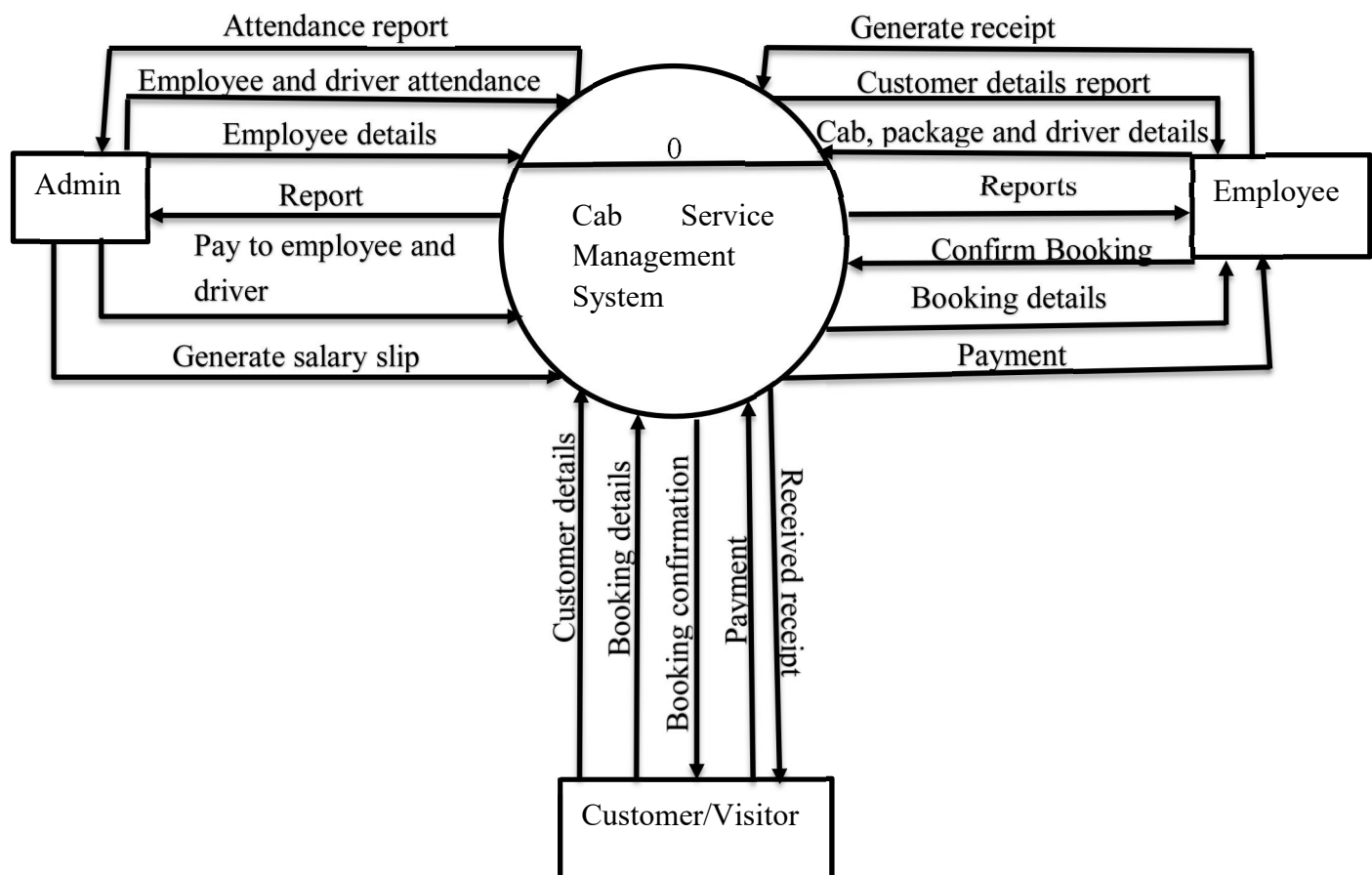
The proposed system is computerized one, in which time is greatly reduced. Since this is a computerized one there will be no chances of human error to encounter. In the proposed system there will be a lot of improvement in the quality, speed and efficiency. This system is all in one because in proposed system cab service agency can maintain

employee's and drivers data as well. Since it is user friendly any one can operate individually. Also it does not contain paper usage as compared to Existing System.

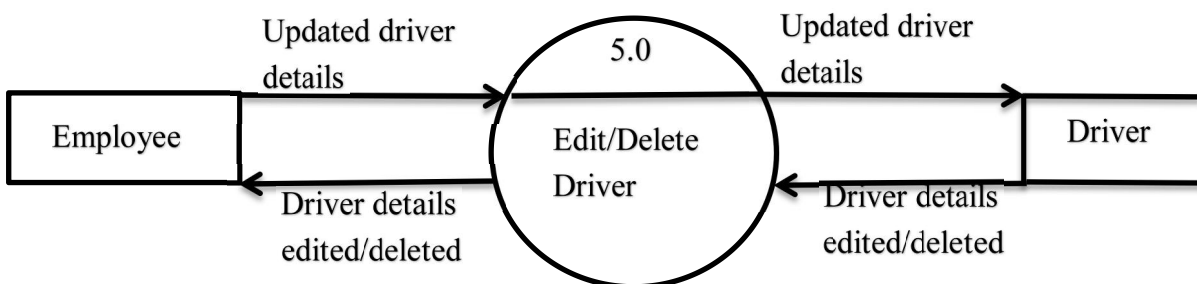
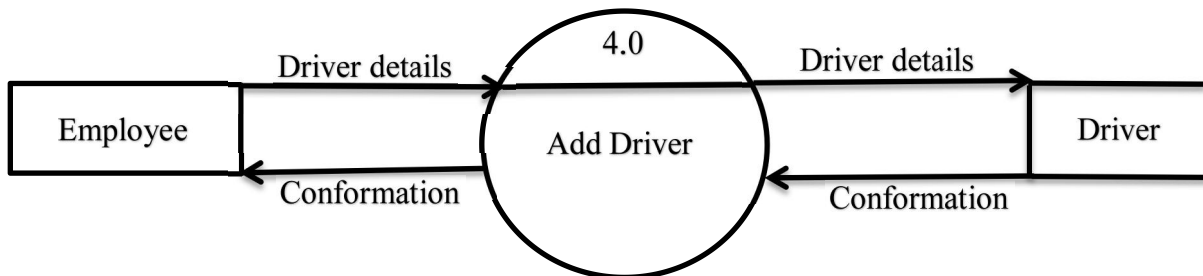
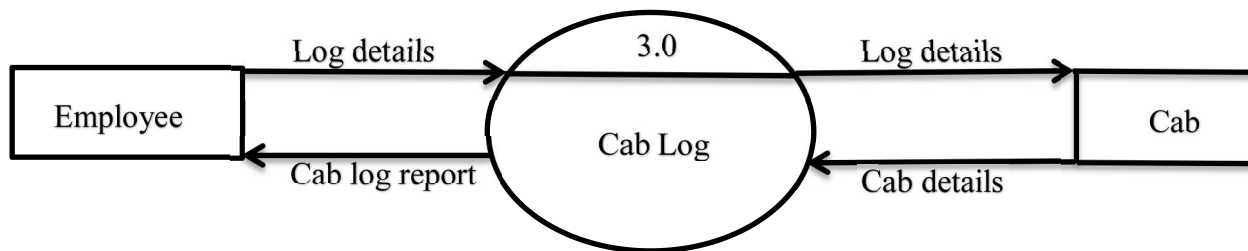
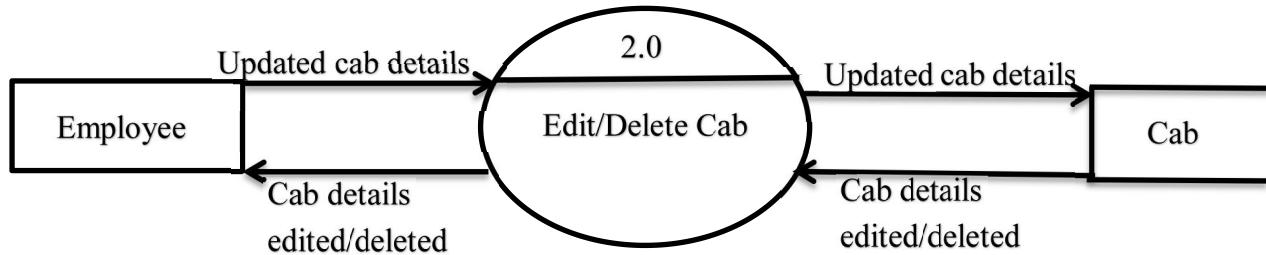
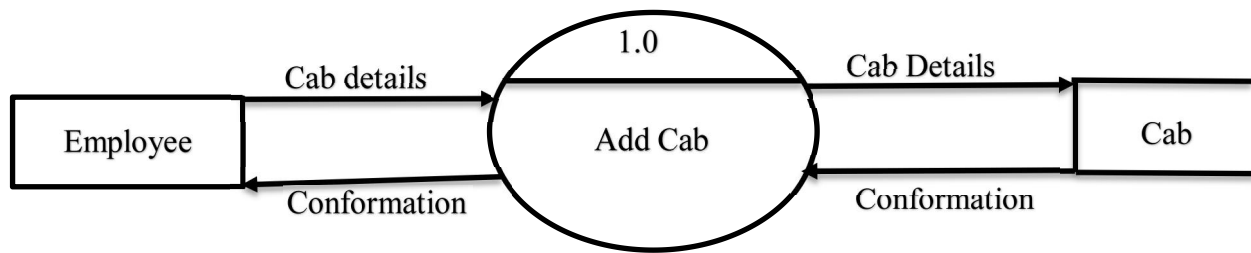
---

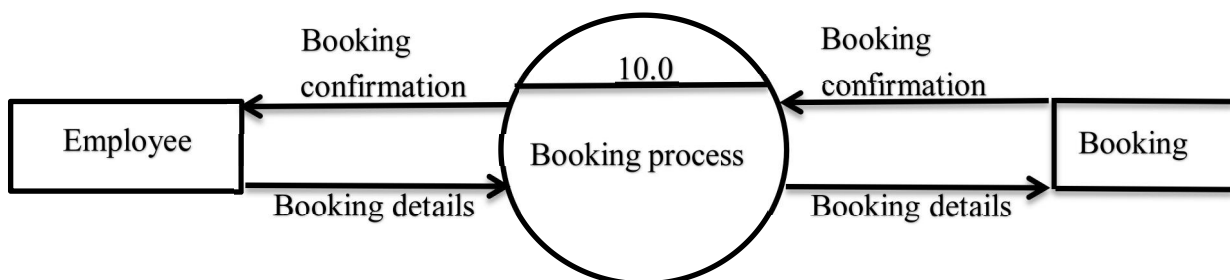
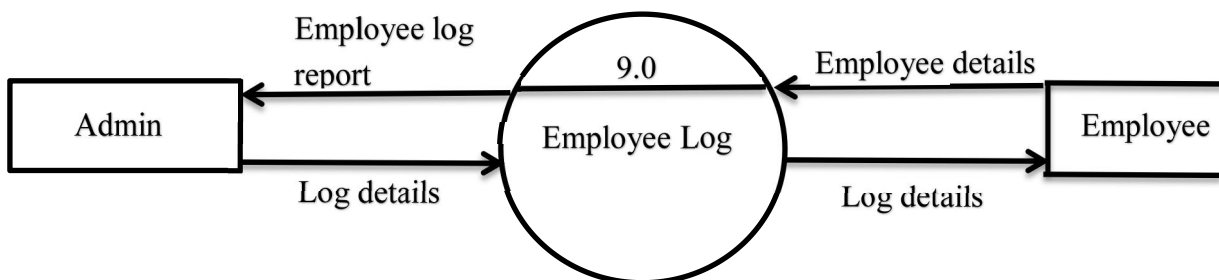
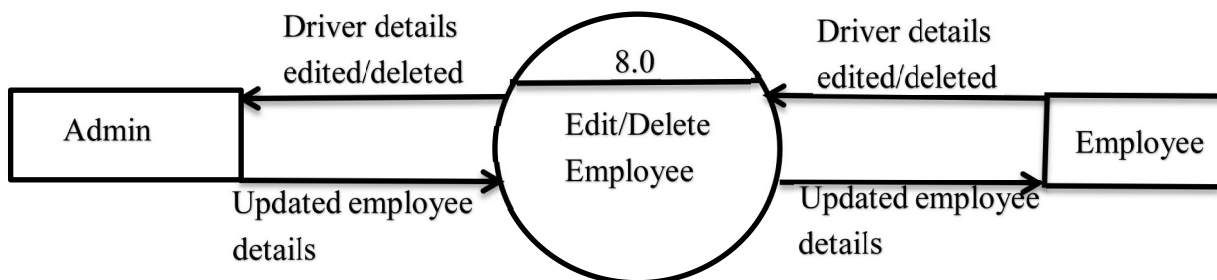
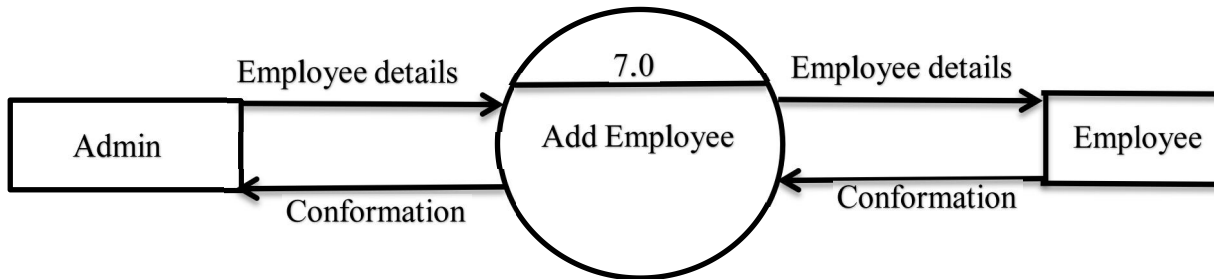
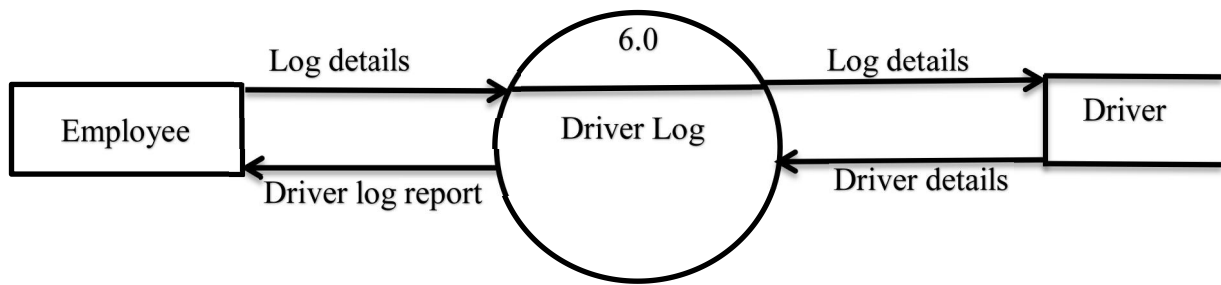
## Design Specification (DFD & ERD)

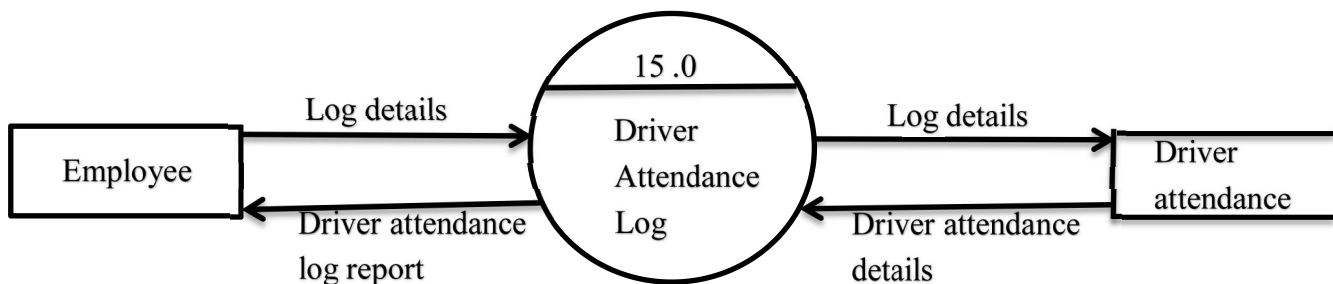
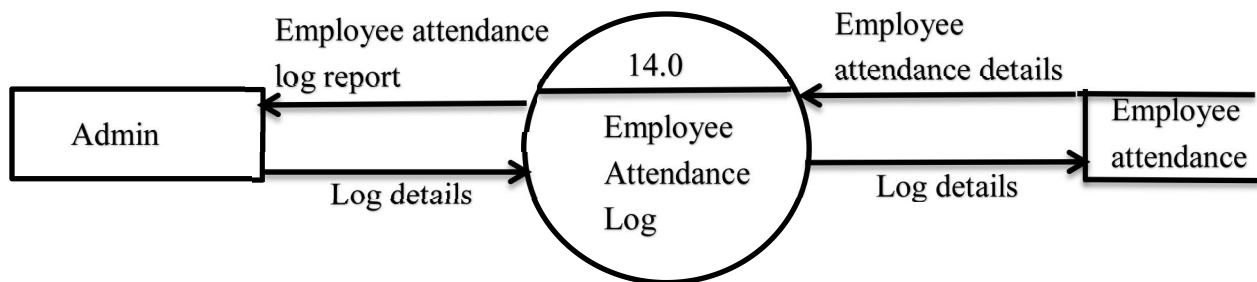
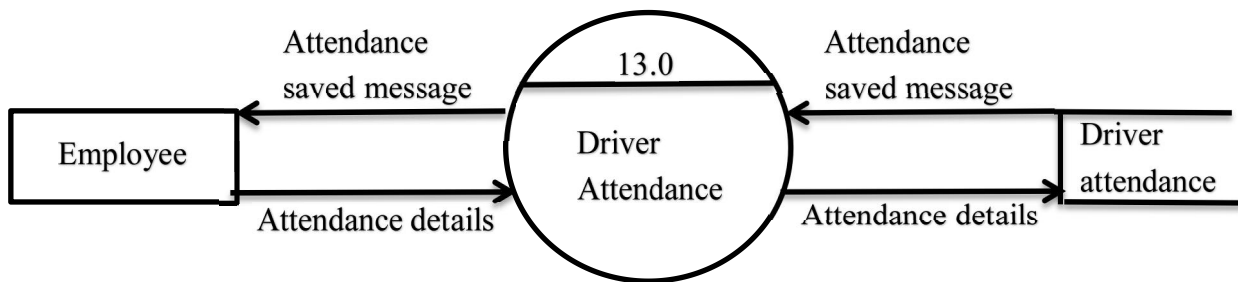
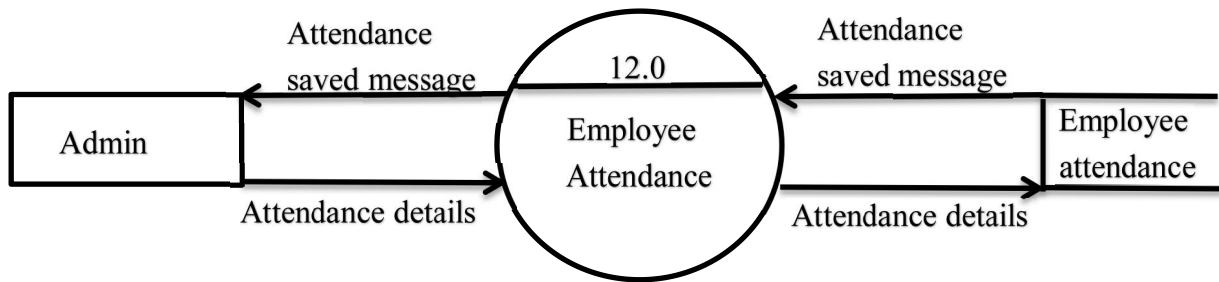
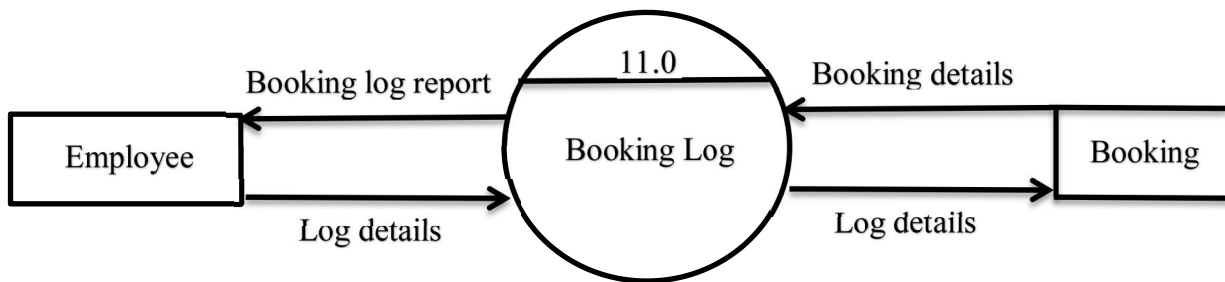
### Context Level(0 Level) DFD :

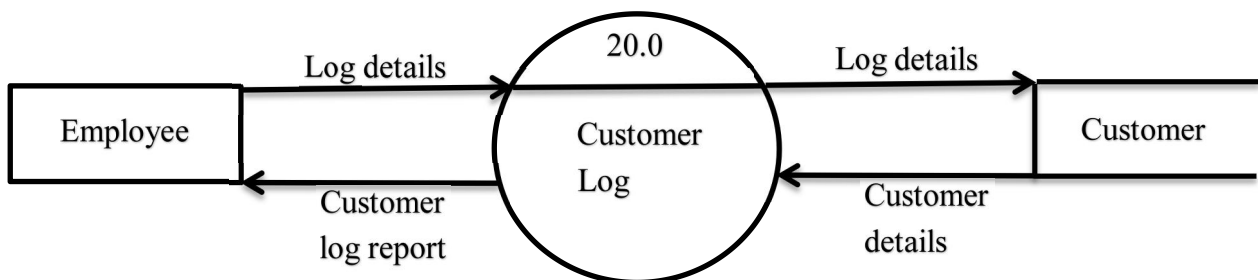
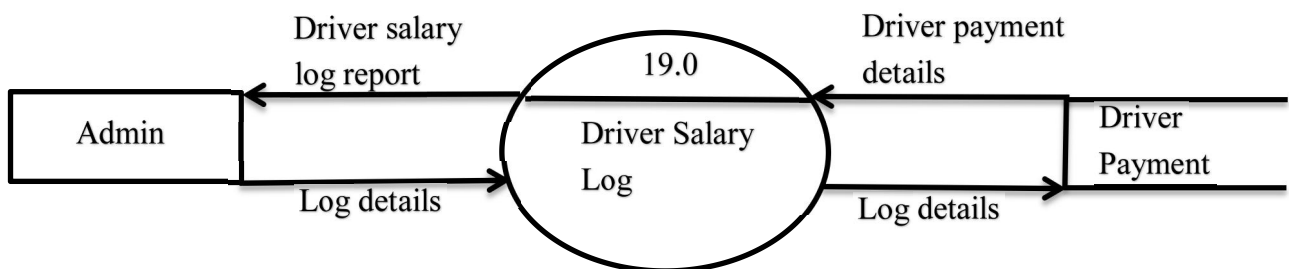
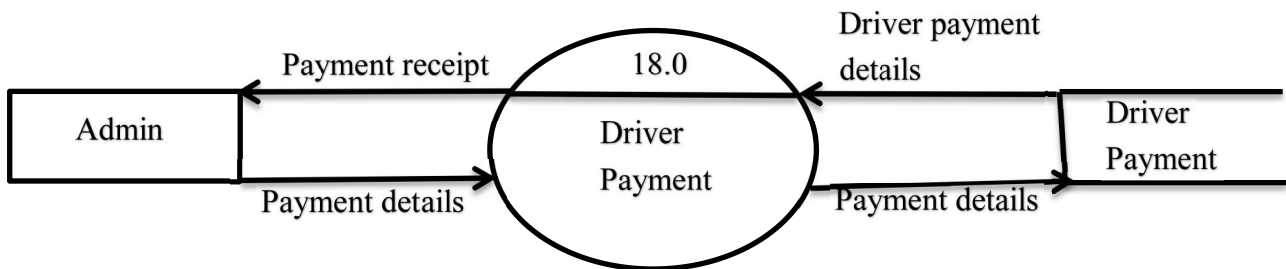
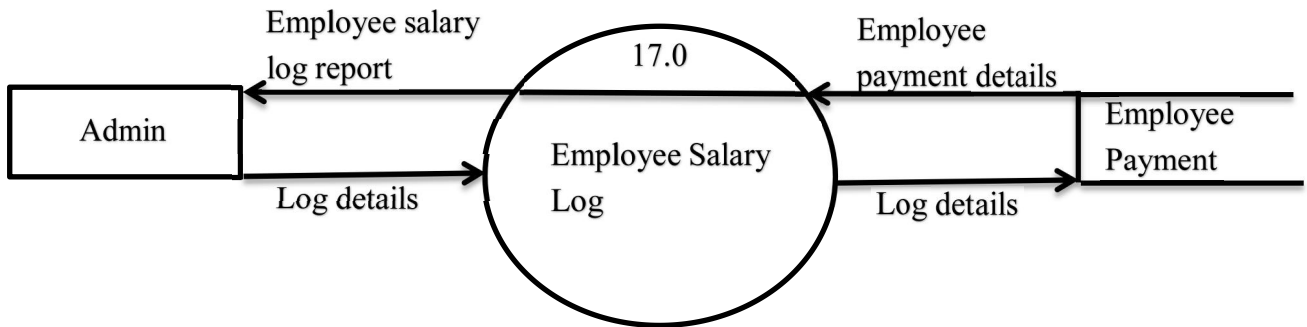
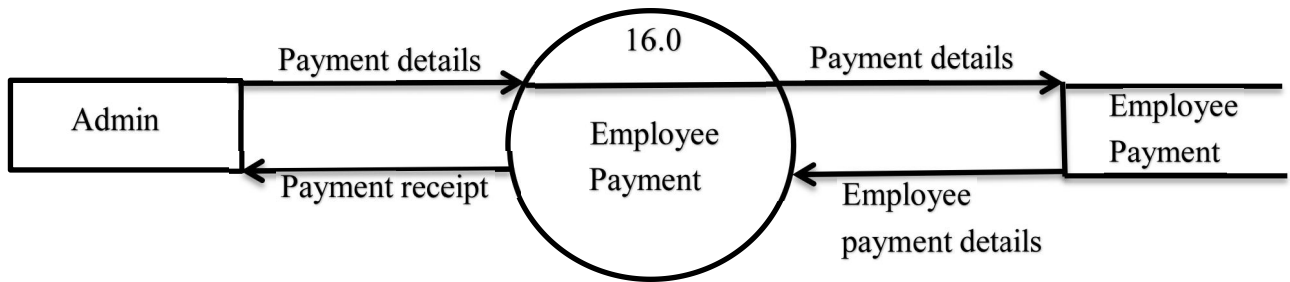


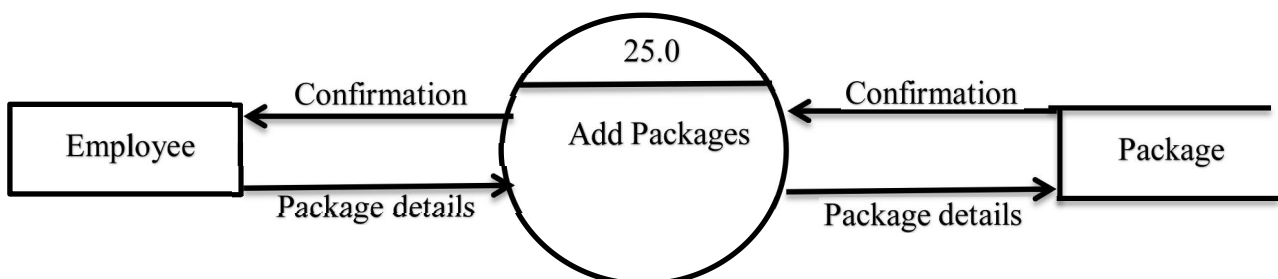
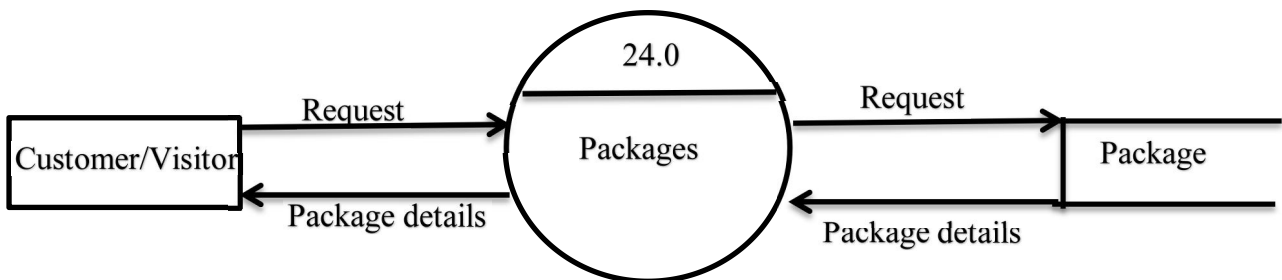
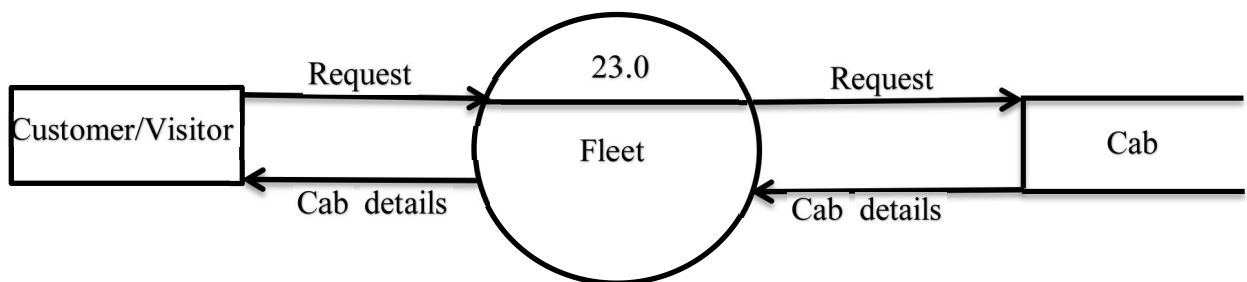
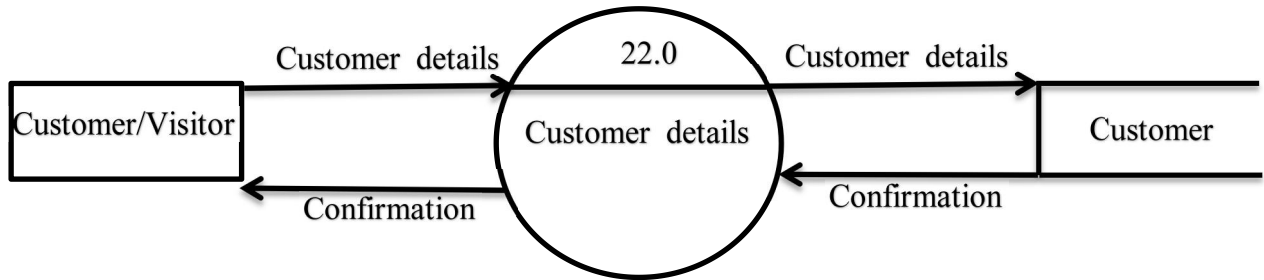
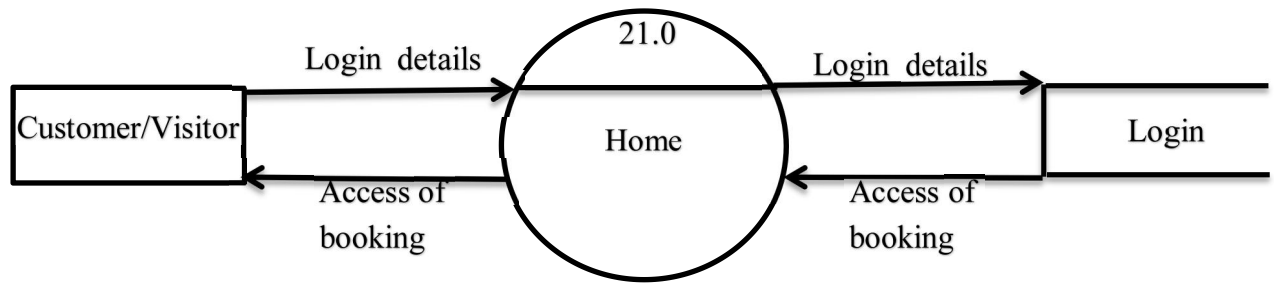
### Level 1 DFD :



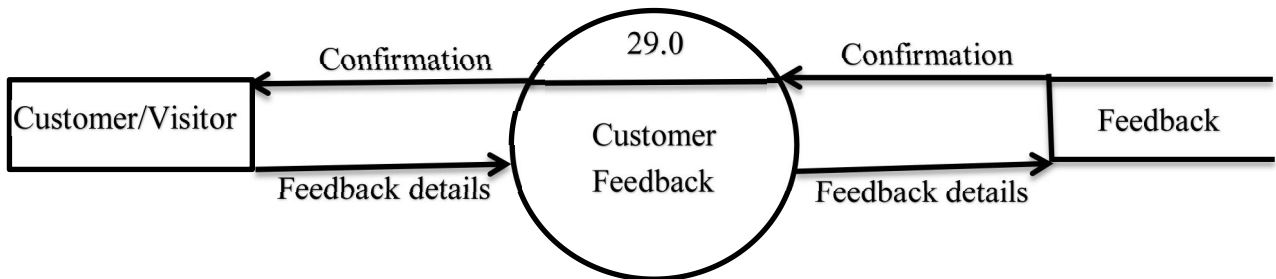
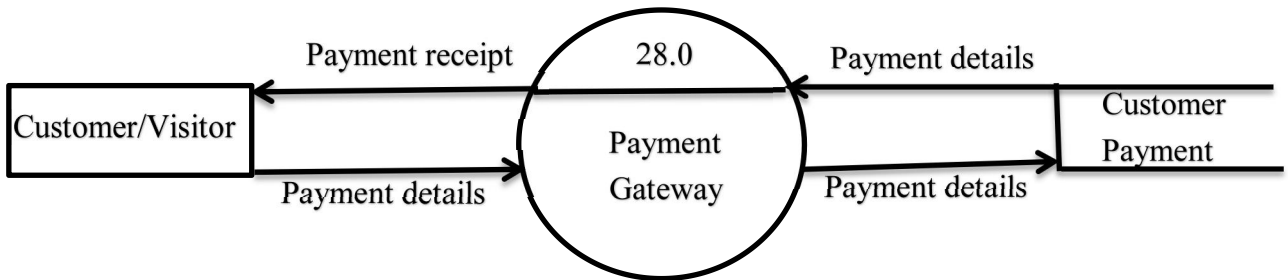
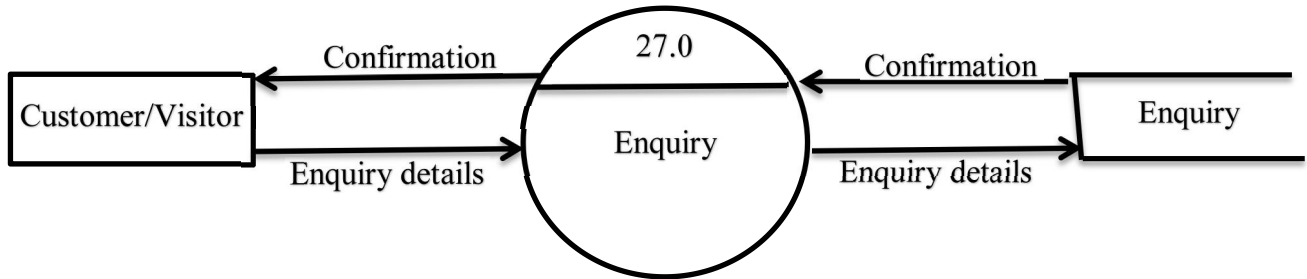
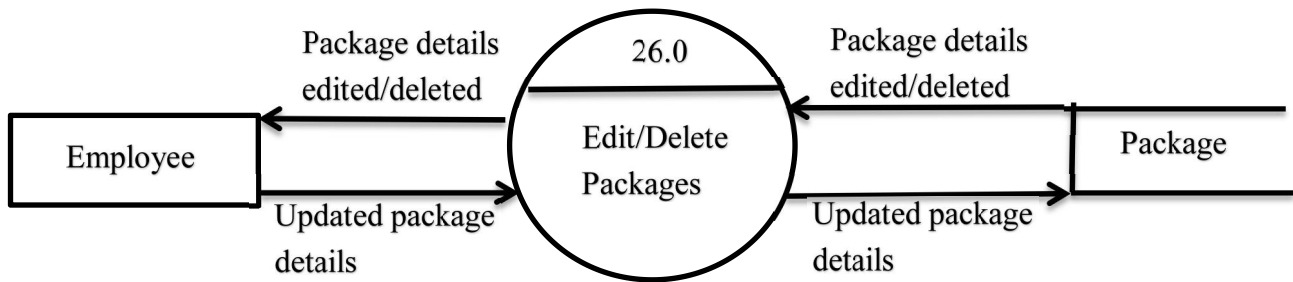




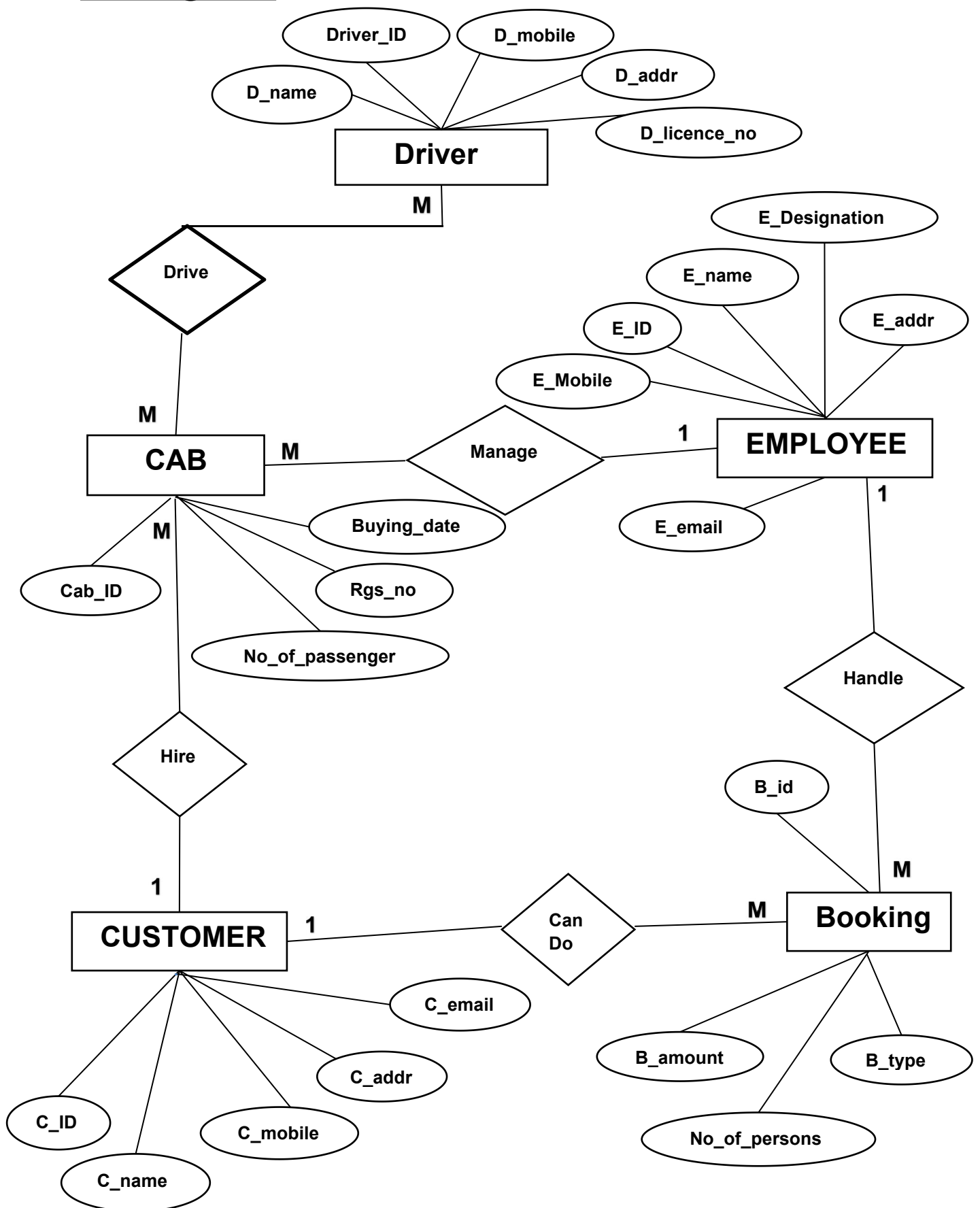








## ER Diagram :



---

## **FORM DESCRIPTION**

1. **Add Cab** :- In this page user can add cab details. This page can access by admin and employee.
2. **Edit/Delete Cab** :- In this page user can edit/delete cab details. This page can access by the admin and employee.
3. **Cab Log** :- In this log/report all the details of cabs which are available in particular cab service agency are maintain. This page can access by the admin and employee.
4. **Add Driver** :- In this page user can add Driver details. This page can access by the admin and employee.
5. **Edit/Delete Driver** :- In this page user can edit/delete driver details of particular cab service agency. This page can access by the admin and employee.
6. **Driver Log** :- In this log/report all the details of drivers which are working in particular cab service agency are maintain. This page can access by the admin and employee.
7. **Add Employee** :- In this page user can add employee details. This page can access only by admin.
8. **Edit/Delete Employee** :- In this page user can edit/delete employee details. This page can access by admin.
9. **Employee Log** :- In this log/report all the details of employee which are working in particular cab service agency are maintain. This page can access by the admin.
10. **Booking Process** :- In this page customer's booking will display and admin/employee will process for that booking this page can access by admin and employee.
11. **Booking Log** :- In this log/report all the details of booking's which are done in particular cab service agency are maintain. This page can access by the admin and employee.
12. **Employee Attendance** :- Attendance of employee's is maintain in this page. Only admin can access this page.
13. **Driver Attendance** :- Attendance of driver's maintain in this page. Only admin can access this page.
14. **Employee Attendance Log** :- In this page attendance log is maintain for the salary paid to employee. This page is accessed by only admin.

15. **Driver Attendance Log** :- In this page attendance log is maintain for the salary paid to driver. This page is accessed by only admin.
16. **Employee Payment** :- It's payment gateway for salary payment of employee. This page can access by only admin.
17. **Employee Salary Log** :- In this page log/report of salary paid to employee is maintain. The access for this page is only for admin.
18. **Driver Payment** :- It's payment gateway for salary payment of driver. This page can access by only admin.
19. **Driver Salary Log** :- In this page log/report of salary paid to driver is maintain. The access for this page is only for admin.
20. **Customer Log** :- In this page log/report of all the customers who received cab service from the cab service agency. Admin and employee can access this page
21. **Home** :- This is the main page of this web site. Any visitor can access by this page.
22. **Customer Details** :- This page include form which have to fill by customer for the record. Any visitor can fill this form.
23. **Fleet** :- This page include all the information about all the cab's which are available in particular cab service agency. Any visitor can access by this page.
24. **Packages** :- This page maintain all the packages details provided by cab service agency. Any visitor can access by this page.
25. **Add Package** :- In this page user can add package details. This page can access by the admin and employee.
26. **Edit/Delete Package** :- In this page user can edit/delete packages details of particular cab service agency. This page can access by the admin and employee.
27. **Enquiry** :- This page include enquiry form for the any visitor who want to know something more about cab service agency or there service's.
28. **Payment Gateway** :- It's a payment gateway for visitor to pay for service to cab service agency.
29. **Customer Feedback** :- This page include feedback form which have to fill by customer for the future enhancement. Any visitor can fill this form.

## **FUTURE ENHANCEMENT**

Every application has its own merits and demerits. The projects has covered all the requirements. Further requirement and improvement can easily done since the coding is mainly structured for this project. Changing the existing modules or adding new modules can be a improvements. In future the system not only access by admin, customer and employee but also access by drivers by that agency will required less manpower and less time to do work. Security of system will also enhance by providing appropriate authentication to appropriate user. GUI will also be good in future.

---

## **SOFTWARE REQUIREMENT**

**Front-end** :- Visual Studio Code 1.62.2

Bootstrap 5.1

**Back-end** :- Wamp Server 3.2.6

MySQL 5.6

---

## **HARDWARE REQUIREMENT**

- **Processor** :- Dual Core Processor Minimum
  - **Operating System** :- Windows XP OS Minimum
  - **RAM** :- 2 GB Minimum
  - **Hard Disk** :- 5 GB Minimum
-