**PROJECT DOCUMENTATION**

**Submitted By,**

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**1.ABSTRACT**

**Online Car Rental System is a car booking software that provide a complete solution to all our day to day car booking office running needs. This system helps to keep the information of customer online. Car rental management system is a unique and innovative product. This project mainly consists of three modules.**

**1.Admin Module**

**2.User Module**

**3.Employee Module**

**Admin Module**

**Admin is main backbone for this portal. Admin is responsible for view list of cars and booking history, add new car details, responds to feedback from customer, add employee working details, responds to leave request from employees.**

**User Module**

**User module mainly consists of user registration, viewing details of each vehicle, booking cars, providing feedback mechanism for increasing service quality, receipt and online voucher generation.**

**Employee Module**

**Employee Module mainly consists of employee registration, viewing their profile, booking details, working history and making leave request.**

**Using google maps as API in the project in order to find the correct location.**

**2.USECASE DIAGRAM**

**Login**

**View Car List**

**Add New Car**

**Maintain Car Information**

**Admin**

**Add Employee Working Details**

**View Employee Working Details**

**Respond to Feedback**

**Respond to Leave Request**

**Login**

**Registration**

**View Car List**

**Search Available Cars**

**Customer**

**Select Car**

**Provide Feedback**

**Booking Car**

**Login**

**Registration**

**View Booking Details**

**View Working History**

**Employee**

**View Profile**

**Make leave Request**

**3.TABLES**

**1.tbl\_login**

**Primary key: user \_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| login\_id | int | 4 | Primary key |
| username | varchar | 50 | User name |
| password | varchar | 50 | password |
| role\_id | int | 4 | Login role |
| Is\_deleted | int | 4 | deleted or not |

**2.tbl\_uregister**

**Primary key:user\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| user\_id | int | 4 | Primary key |
| login\_id | varchar | 50 | First Name |
| fname | varchar | 50 | first Name |
| lname | varchar | 50 | Last Name |
| Hname | varchar | 50 | House name |
| dis\_id | int | 4 | District |
| S\_id | int | 4 | State |
| pno | varchar | 50 | Phone number |
| Adhar\_no | varchar | 50 | Adhar number |
| Is\_deleted | int | 4 | Deleted or not |

**3.tbl\_car**

**Primary key: car\_regno**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| car\_regno | varchar | 50 | Car no |
| car model | varchar | 50 | Car model |
| car brand | varchar | 50 | Car brand |
| Car\_image | varchar | 250 | Image of car |
| Fuel | varchar | 50 | Fuel type |
| Sno | int | 4 | No of seats |
| Ac/nonac | varchar | 50 | a/c type |
| Rent | int | 4 | Rent per day |
| Is\_deleted | int | 4 | Deleted or not |

**4.tbl\_ework**

**Primary key: e\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| e\_id | int | 4 | Employee id |
| ename | varchar | 50 | Employee name |
| car\_regno | varchar | 50 | Car no |
| Route | varchar | 250 | Trip route |
| Date from | date | 3 | Start date |
| date to | date | 3 | End date |
| Is\_deleted | int | 4 | Deleted or not |

**5.tbl\_booking**

**Primary key: book\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| Book\_id | int | 4 | Booking id |
| user\_id | int | 4 | User id |
| Car\_regno | varchar | 20 | Car no |
| date from | date | 3 | Booking from |
| date to | date | 3 | Booking to |
| bdate | date | 3 | Booked date |
| Status | int | 2 | Booked or not |
| Is\_deleted | int | 2 | Deleted or not |

**6.tbl\_role**

**Primary key: role\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| role\_id | int | 4 | Primary key |
| role | varchar | 20 | Role |

**7.tbl\_payment**

**Primary key: payment\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| payment\_id | int | 4 | Primary key |
| user\_id | varchar | 30 | Id of user |
| amount | int | 20 | Trip amount |
| bname | varchar | 50 | Bank name |
| cardtype | varchar | 50 | Type of card |
| Is\_deleted | int | 4 | Deleted or not |

**8.tbl\_leave**

**Primary key: leave\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| leave\_id | Int | 4 | Primary key |
| e\_id | int | 4 | Id of employee |
| fname | varchar | 20 | Name of employee |
| reason | varchar | 20 | Reason for leave |
| datefrom | date | 3 | Date from |
| Date to | date | 3 | Date to |
| status | int | 4 | Approved or not |
| Is\_deleted | int | 4 | Deleted or not |

**9.tbl\_district**

**Primary key: district\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| district\_id | int | 4 | Primary key |
| district | varchar | 20 | district |

**10.tbl\_state**

**Primary key: state\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| state\_id | int | 4 | Primary key |
| state | varchar | 20 | state |

**11.tbl\_feedback**

**primary key: fid**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| fid | int | 4 | Feedback id |
| car\_regno | varchar | 50 | Car no |
| user\_id | int | 4 | User\_id |
| feedback | varchar | 50 | feedback |
| Is\_deleted | int | 4 | Deleted or not |

**12**.**tbl\_eregister**

**primary key : e\_id**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Size** | **Description** |
| e\_id | int | 4 | Primary key |
| login\_id | Int | 4 | Login id |
| fname | varchar | 50 | First name |
| lname | varchar | 50 | Last name |
| hname | varchar | 50 | House name |
| dis\_id | int | 4 | District id |
| s\_id | Int | 4 | State id |
| pno | varchar | 50 | phone no |
| adhar no | varchar | 50 | Adhar no |
| Is\_deleted | int | 4 | Deleted or not |

**DFD-DATA FLOW DIAGRAM**

**LEVEL-0**



**LEVEL-1(Registered User)**



**LEVEL-1(Employee)**



**LEVEL-1 (ADMIN)**

