ONLINE BREAKDOWN ASSISTANCE : TABLE DESIGN

tbl\_login

|  |  |  |
| --- | --- | --- |
| ***Attributes*** | ***Datatype*** | ***Description*** |
| username | Varchar | Username |
| user\_type | Varchar | Type of user |
| Password | Varchar | password |

tbl\_mech\_reg

|  |  |  |
| --- | --- | --- |
| ***Attributes*** | ***Datatype*** | ***Description*** |
| mech\_name | Varchar | Name |
| mech\_lic\_no | Varchar | License No |
| specialization | Varchar | Specialized areas |
| Phone | Long int | Phone number |
| location | Varchar | Exact location |
| email id | Varchar | Email id |
| house\_no | Varchar | House Number |
| street\_city | Varchar | Street or city name |
| pin | Int | Pin number |

tbl\_rate\_of\_complaint

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| complaint\_id | Varchar | Id of complaint |
| rate | Varchar | Rate of complaint |

tbl\_feedback

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| mech\_lic\_no | Varchar | Mechanic number |
| dr\_lic\_no | Varchar | Driving license number |
| date | Datetime | Date |
| user\_name | Varchar | Username |
| feedback | Varchar | Provided feedback |

tbl\_user\_reg

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| user\_name | Varchar | Name of user |
| dr\_lic\_no | Varchar | License number |
| phone | Long int | Phone number |
| email | Varchar | Emailid |
| houseno\_name | Varchar | house name |
| street\_city | Varchar | Street name |
| pin | Int | Pin number |

tbl\_mech\_status

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| mech\_id | Varchar | Id of mechanic |
| status | Varchar | Availability |
| location | Varchar | Exact location |

tbl\_mech\_spec

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| mec\_sp\_id | Varchar | Id of specialization area |
| name\_of\_spc | Varchar | Area of specialization |

tbl\_vech\_details

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| vech\_id | Varchar | Vehicle id |
| vech\_name | Varchar | Name of vehicle |

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| req\_id | Varchar | Request id |
| date | Varchar | Date of request |
| time | Varchar | Time of request |
| Name | Varchar | Nameofrequestedperson |
| dr\_lic\_id | Varchar | Driving license id |
| vech\_id | Varchar | Id of vehicle |
| c\_book\_no | Varchar | Rc\_book\_number |
| phone | Varchar | Phone number |
| exact\_location | varchar | Exact location |
| complaint\_it | Int | Complaint id |
| mech\_lic\_no | Varchar | Mech\_lic\_no |

tbl\_user\_request

tbl\_complaint\_details

|  |  |  |
| --- | --- | --- |
| ***Attribute*** | ***Datatype*** | ***Description*** |
| complaint\_id | Varchar | Id of complaint |
| complaint\_type | Varchar | Type of complaint |
| pic\_of\_vechicle | Varchar | Pic of affected vehicle |

***ONLINE ROAD VECHICLE BREAKDOWN ASSISSTANCE FINDER***

The proposed application helps to find mechanics easily and quickly. It is difficult to find mechanics nearby area wherever you are travelling. This system helps to overcome this issue by providing mechanics from different locations.

Admin is allowed to access and manage mechanics details. This online mechanic locator reduces work and can easily find the mechanics from various locator. It reduces your time and cost. The main objective is to provide a better service and to make the process easily and finally appointing a mechanic quickly. Proposed system is accessed by three entities namely Admin, Mechanic and user A mechanic can perform task such as viewing request received from the users and can also view the details. User can send a request and can appoint a mechanic on respective date-time

***Advantages***

* Secure registration of users and mechanics
* Easy access to data
* The new system is more than friendly, reliable, and flexible
* Reduced manual work.

***Disadvantages***

* Requires an active internet connecter
* System will provide inaccurate results of data not entered properly

***About the main modules***

Admin:

* Viewing request for approval
* Approving
* Rejecting

*Mechanic****:***

* Approving
* Rejecting

Users:

* Can view the nearby mechanics
* Can request applicant
* Can delete the requested appointed.

ONLINE BREAKDOWN ASSISTANCE:DATA FLOW DIAGRAM

LEVEL 0



LEVEL 1:ADMIN

LEVEL 1 : MECHANIC



LEVEL 1 : USER

