

**DEPARTMENT OF COMPUTER ENGINEERING**

**DATABASE MANAGEMENT SYSTEM**

**MINI PROJECT ASSIGNMENT NO. 3**

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| **GROUP ID:** | 01. |
| **GROUP MEMBERS:** | 1. Team Leader: Niranjan Patil(SCSB307).  2. Harshada Patil(SCSB302).  3. Tushar Potale(SCSB312). |
| **TITLE:** | Vehicle Insurance Management System. |
| **REDUCTION OF ER SCHEMA TO TABLES** | **Customer Table:**  Create table customer ( Customer\_ID varchar (20) NOT NULL UNIQUE,  Password varchar (20) Check(length(Password) =10),  Customer\_firstname varchar (20) NOT NULL,  Customer\_lastname varchar (20) NOT NULL,  Phone number number (10) NOT NULL Check(length(phone\_number) =10),  Street\_name varchar (20),  City varchar (20),  Pincode number(6) NOT NULL, Check(length(pincode)=6),  Annual\_income numeric (8,2) NOT NULL,  Primary Key (Customer\_ID) );    **Vehicle Table:**  Create table Vehicle(Vehicle\_no varchar (10) NOT NULL Unique Check(length(vehicle\_no) =10),  Model\_no varchar (20) NOT NULL,  Model\_name varchar (20),  CC number (5) NOT NULL,  Manufacturing\_year year (4),  Engine\_no varchar (20) NOT NULL,  Customer\_ID varchar (20) NOT NULL,  Primary Key (Vehicle\_no));      **Purchase\_policy Table:**  Create table Purchase\_policy (Policy\_no number (1) NOT NULL,  Customer\_ID varchar (20) NOT NULL,  Purchase\_date Date NOT NULL,  Expiry\_date Date NOT NULL,  Premium\_amount number (5) NOT NULL,  Vehicle\_no number (10) NOT NULL,  Policy\_ID number (2) NOT NULL,  Primary Key (Policy\_no));        **Policy Table:**  Create table Policy (Policy\_ID number (2) NOT NULL UNIQUE,  Policy\_name varchar (20) NOT NULL,  Terms char (200),  Premium\_amount number (5) NOT NULL,  Primary Key (Policy\_id));      **Payment Table:**  Create table Payment (Payment id number (4) NOT NULL UNIQUE,  Payment\_date Date NOT NULL,  Premium\_amount number (5) NOT NULL,  card details varchar (20) NOT NULL,  Customer\_ID varchar (20) NOT NULL,  Vehicle\_no number (10) NOT NULL,  Primary Key (Payment\_id)); |