ASSIGNMENT - 3
E-R DIAGRAMS

In each of the examples given below, clearly state all your assumptions before drawing the diagram. Convert your diagram to tables.

♦ Construct an E-R Diagram for a car insurance company with a set of customers, each of whom owns a number of cars. Each car has a number of recorded accidents associated with it. The details about the insurance policies of the cars as well as the details of the accidents are also stored.

♦ Construct an E-R Diagram for a hospital management system. The details of the patients and the doctors will be required as well as the details of the tests and its results conducted on a patient. The patient history is also stored for future reference. Everything related to the medicines prescribed is also required.

♦ Draw an E-R diagram to depict the different activities that go on in a shopping mall. Take Vadodara Central as a case study and try to design your tables if you were to computerize its activities. Mention your scope very clearly.