Assignment No : 2.1

Student Name:Rajiv Paul   **UID:20BCS1812**

Branch: CSE   **Section/Group: 607A**

Semester: 4th   **Date of Assignment:07/03/2022**

Subject Name: Software Engr.   **Subject Code: 22E-20CSP-255**

1.

Aim: Construct an E-R diagram for a car-insurance company whose customers own one or more cars each. Each car has associated with it zero to any number of recorded accidents.

Objective: To construct an E-R diagram for a car-insurance company.
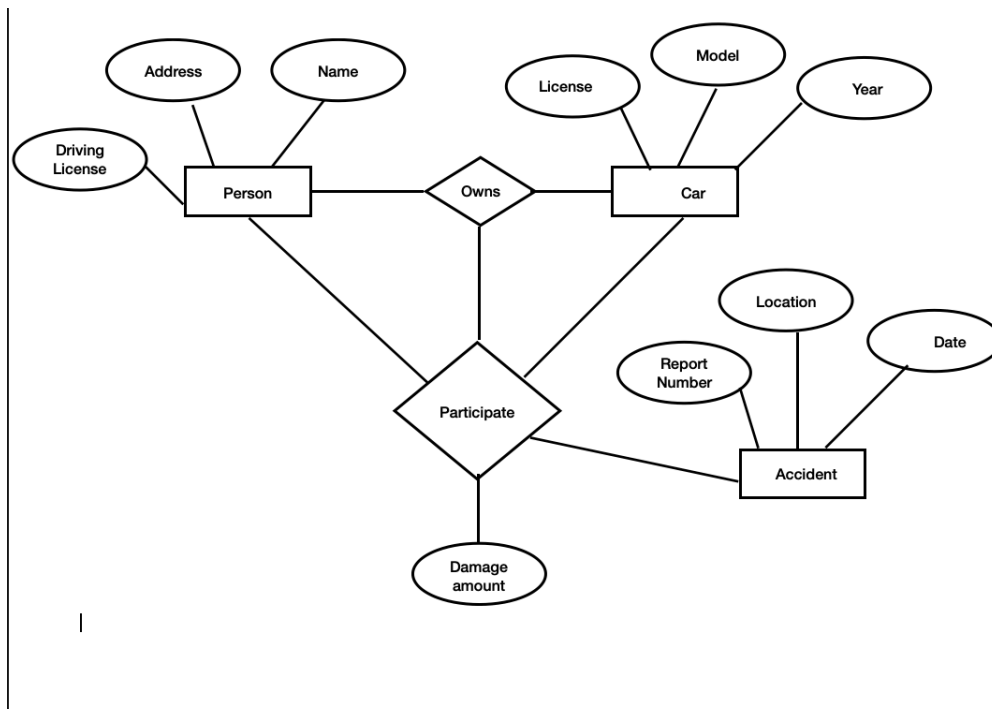
Requirement Analysis:-

Software Requirement

    1. Pages

Hardware Requirement

    1. Pc

    2. MacOS 12 or higher

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Entity-Relationship (ER) Diagram

2.

Aim: A university registrar's office maintains data about the following entities: (a) courses, including number, title, credits, syllabus, and prerequisites; (b) course offerings, including course number, year, semester, section number, instructor(s), timings, and classroom; (c) students, including student-id, name, and program; and (d) instructors, including identification number, name, department, and title. Further, the enrollment of students in courses and grades awarded to students in each course they are enrolled for must be appropriately modeled. Construct an E-R diagram for the registrar's office. Document all assumptions that you make about the mapping constraints.

Objective: To construct an E-R diagram for a university registrar's office.
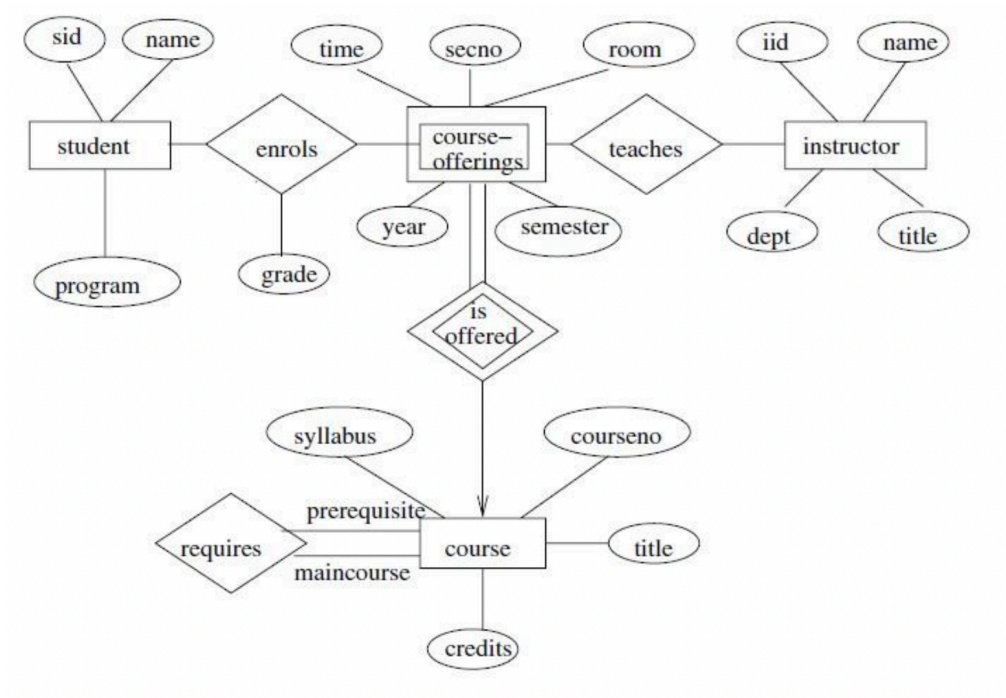
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Entity-Relationship (ER) Diagram

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Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			