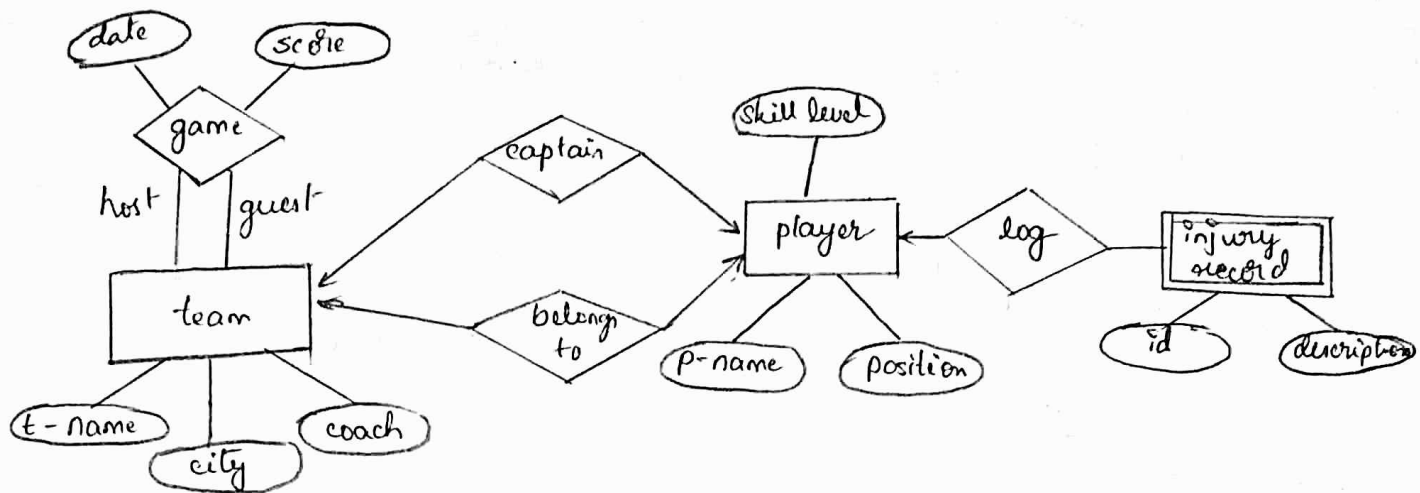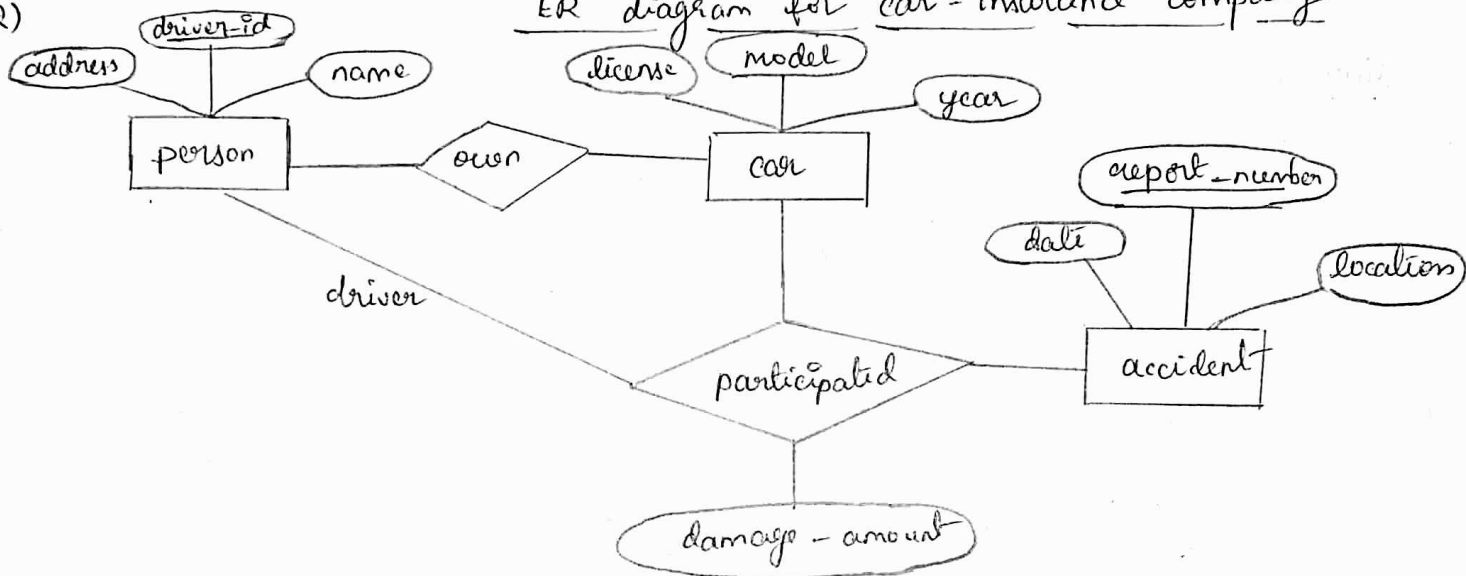1) ER diagram for NHL database.
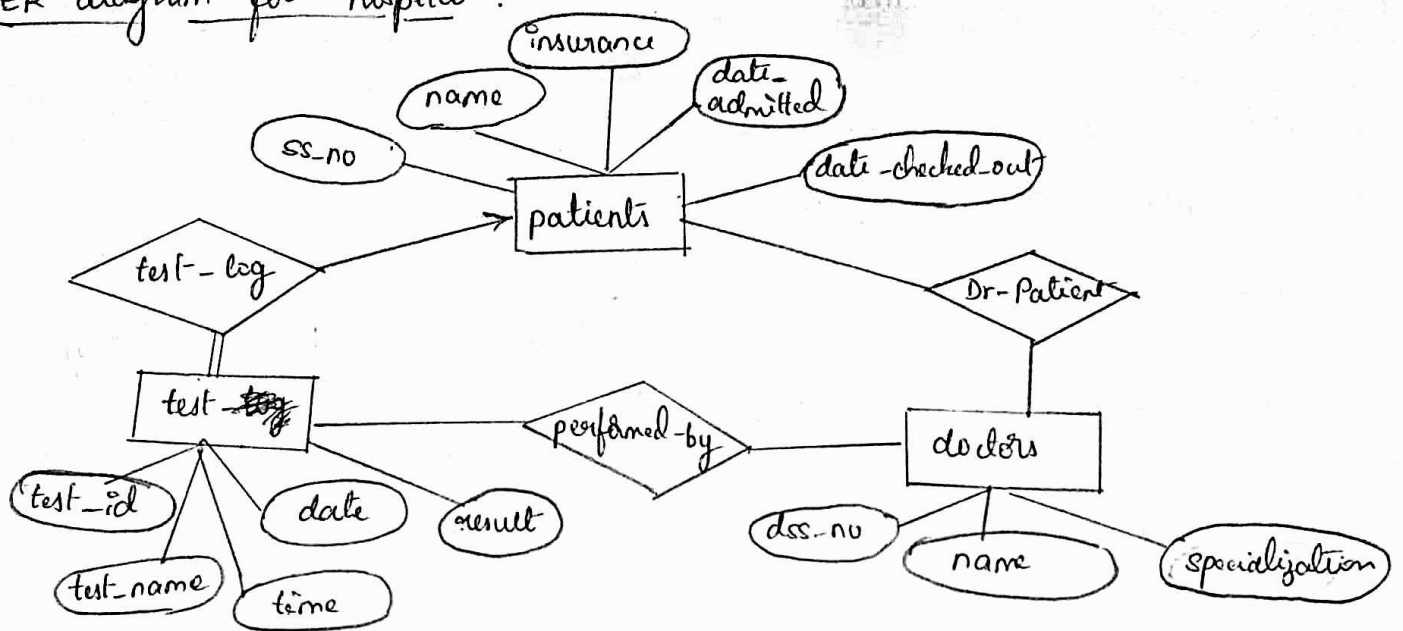

2) ER diagram for car-insurance company

3) ER diagram for hospital.

Entities and attributes:
- **patients**: ss_no, name, insurance, date_admitted, date_checked_out
- **test**: test_id, test_name, date, time, result
- **doctors**: dss_no, name, specialization

Relationships:
- test_log (patients — test)
- performed_by (test — doctors)
- Dr_Patient (patients — doctors)

4) ER diagram for university

Entities and attributes:
- **Student**: sid, name, program
- **Course offerings**: time, secno, room, year, semester
- **instructor**: id, name, dept, title
- **course**: syllabus, courseno, title, credits

Relationships:
- enrols (Student — Course offerings), grade
- teacher (Course offerings — instructor)
- is offered (Course offerings — course)
- requires (course — course): prerequisite, maincourse