Bài 1: ERD /CD

Sinh Vien
- Ma SV
- MaDT
- SolanBV

(1,1)

GV
- MaGV
- Ten GV
- Dia Chi
- SDT
- HocVi
- ChuyenNghanh
- ~~Makhoa~~

(1,n)

(thuc hien) (1,n) —— (Diem) ——

(thuoc)

(1,2)

De Tai
- MaDT
- TenDT
- MaGV
- NgBD
- NgKT
- Makhoa

(1,1) (baove) (1,n)

Hoi Dong
- MaHD
- Ma CT
- Ma TK
- Ma UV
- Mg BV
- Dia Diem

Khoa
- Makhoa
- Ten Khoa

(1,n)

(1,1) (thuoc) (1,n)
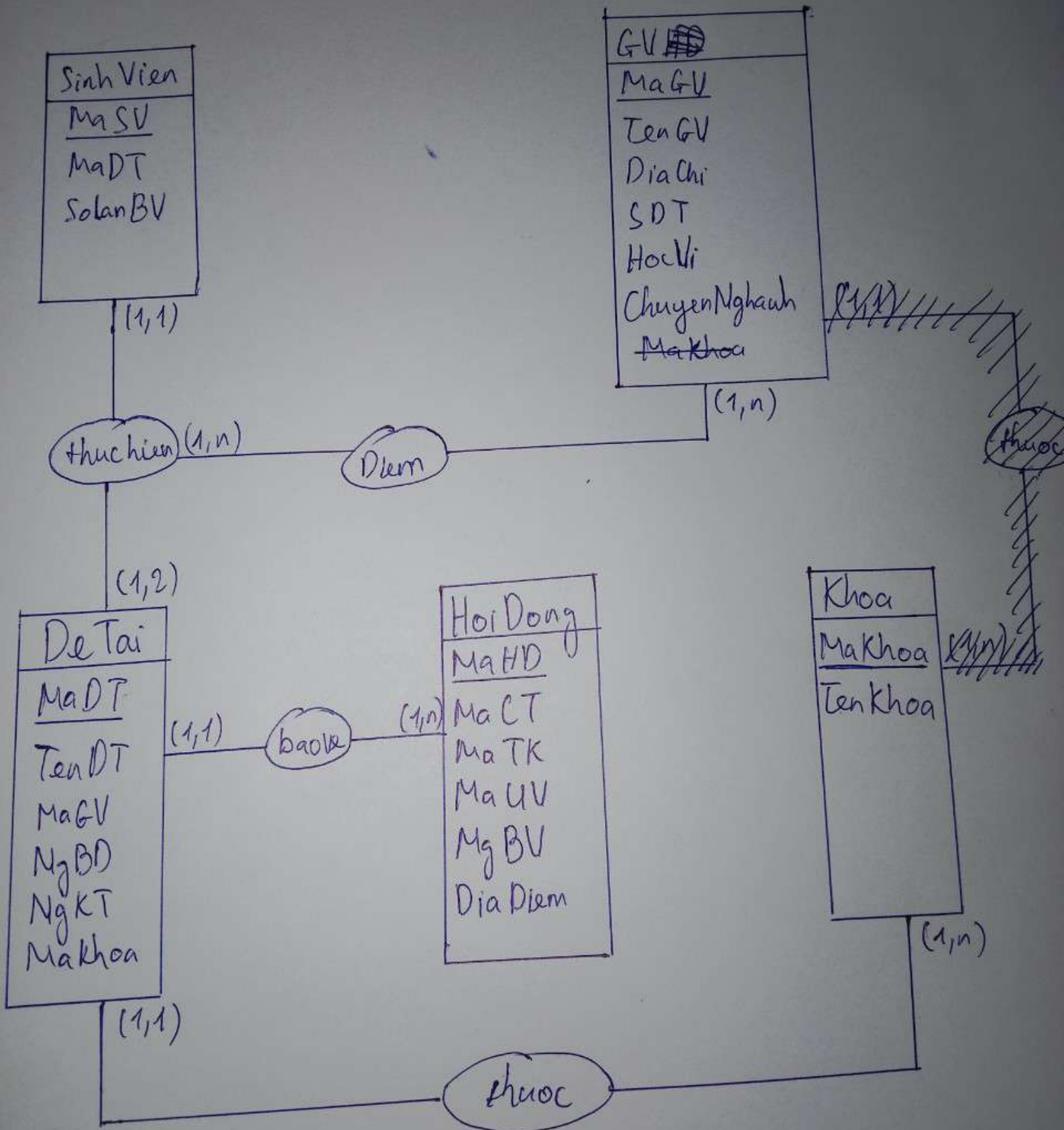
Mô hình logic

Sinh Vien (<u>MaSV</u>, TenSV, DiaDT, SoLanBV)

SoLanBV ≤ 2

De Tai (<u>MaDT</u>, TenDT, MaGV, NgBD, NgKT, MaKhoa)

GV (<u>MaGV</u>, TenGV, DiaChi, SDT, HocVi, ChuyenNghanh)

HoiDong (<u>MaHD</u>, MaCT, MaTK, MaUV, NgBV, DiaDiem)

Khoa (<u>MaKhoa</u>, TenKhoa)

Diem (<u>MaSV</u>, <u>MaDT</u>, MaGVHD, DiemGVHD, MaCT, DiemCT, MaTK, DiemTK, MaUV, DiemUV, MaGVPB, DiemGVPB, DiemTB, KetQua)

KetQua = "Rot" khi DiemTB < 5

DiemTB = (DiemGVHD x 2 + DiemGVPB x 2 + DiemCT + DiemTK + DiemUV) / 7