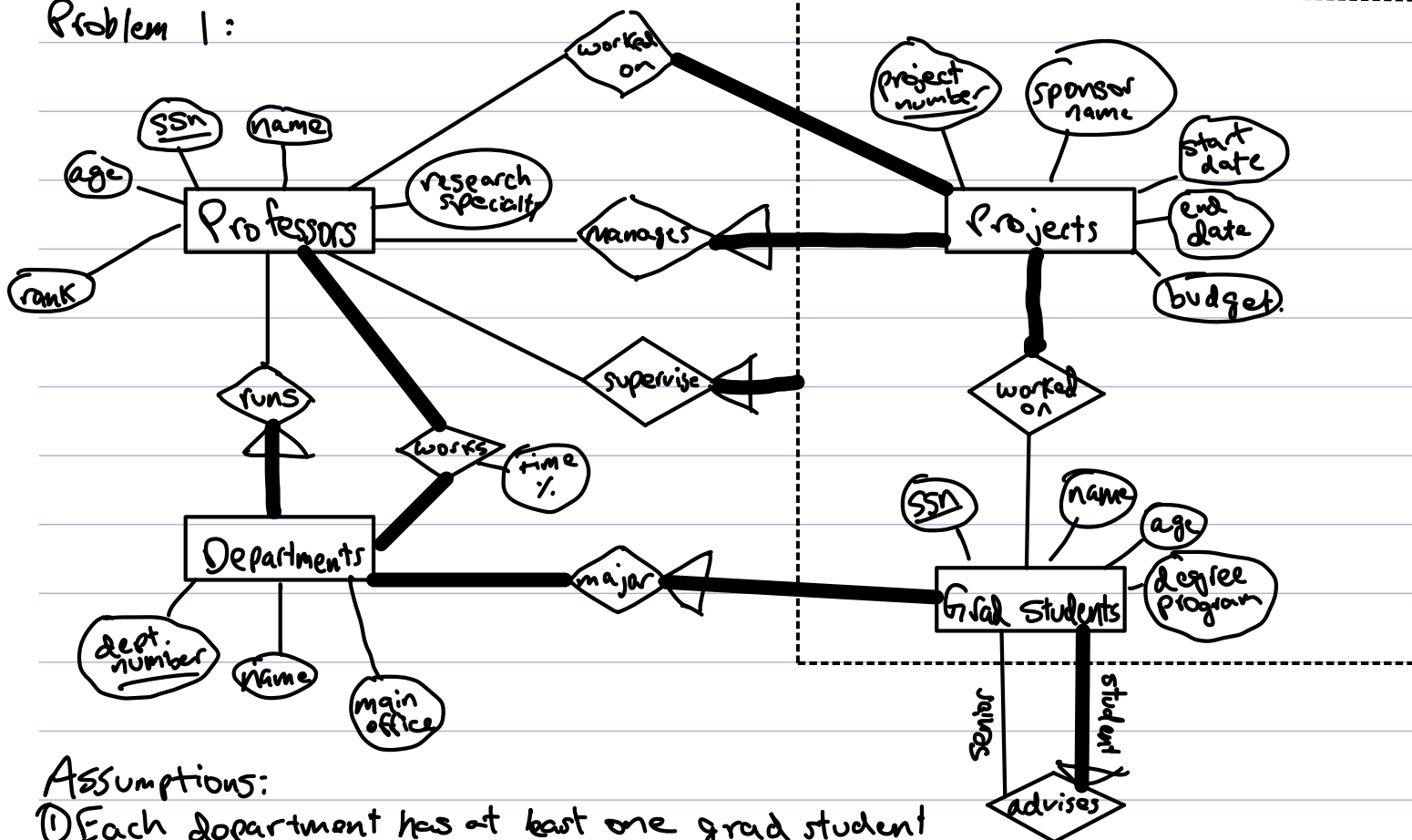


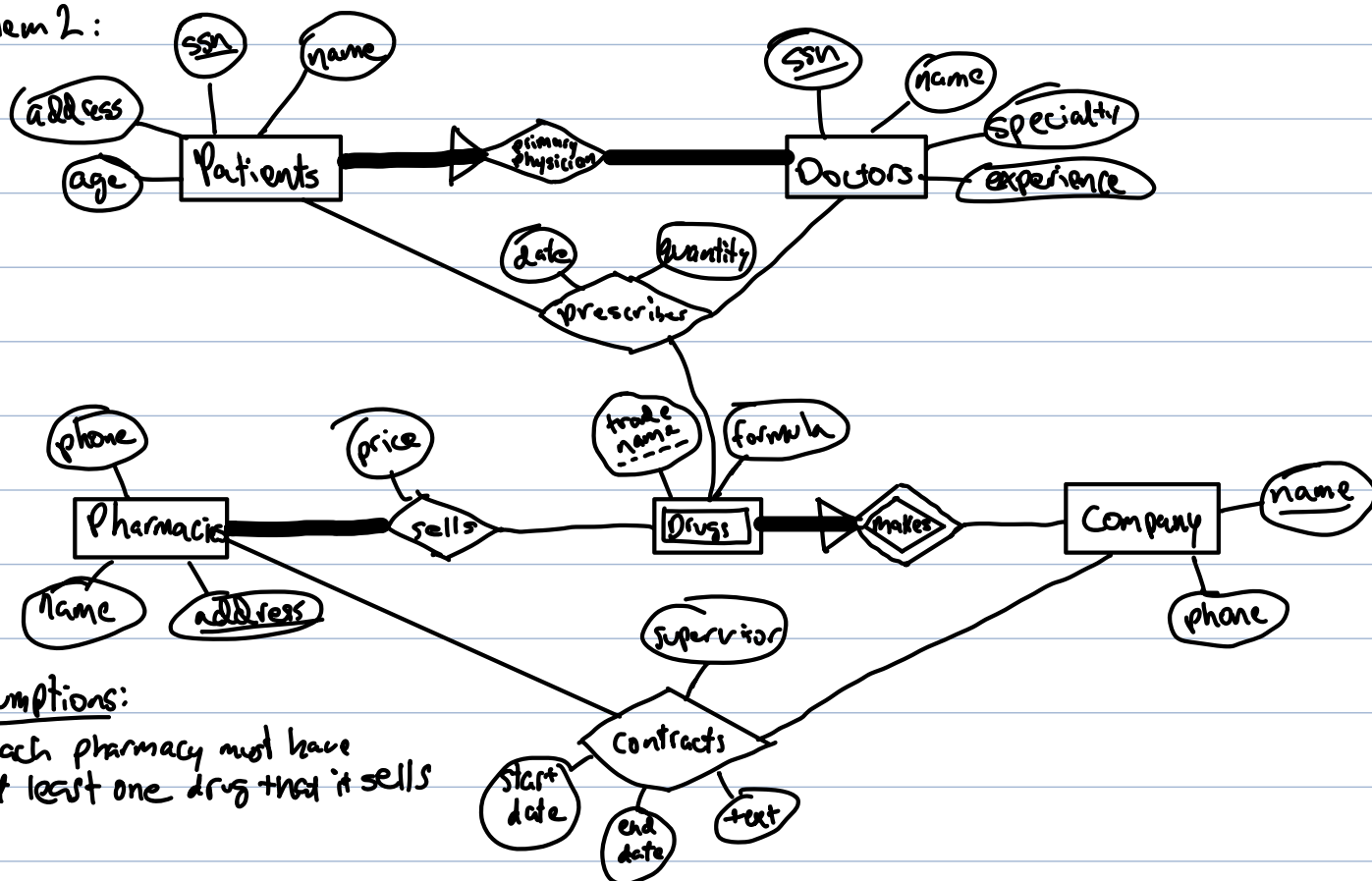
Problem 1:



Assumptions:

- ① Each department has at least one grad student that majors in it.
- ② Each department has at least one professor that works in it.
- ③ Graduate students can work on no projects.

Problem 2:



Assumptions:

- ① Each pharmacy must have at least one drug that it sells.