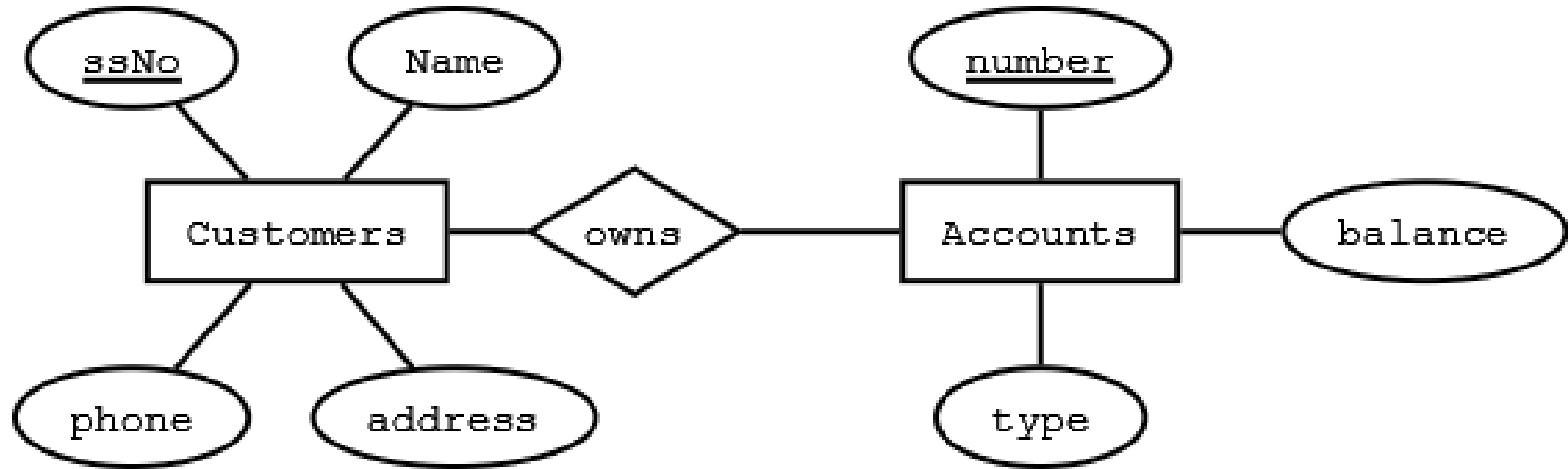


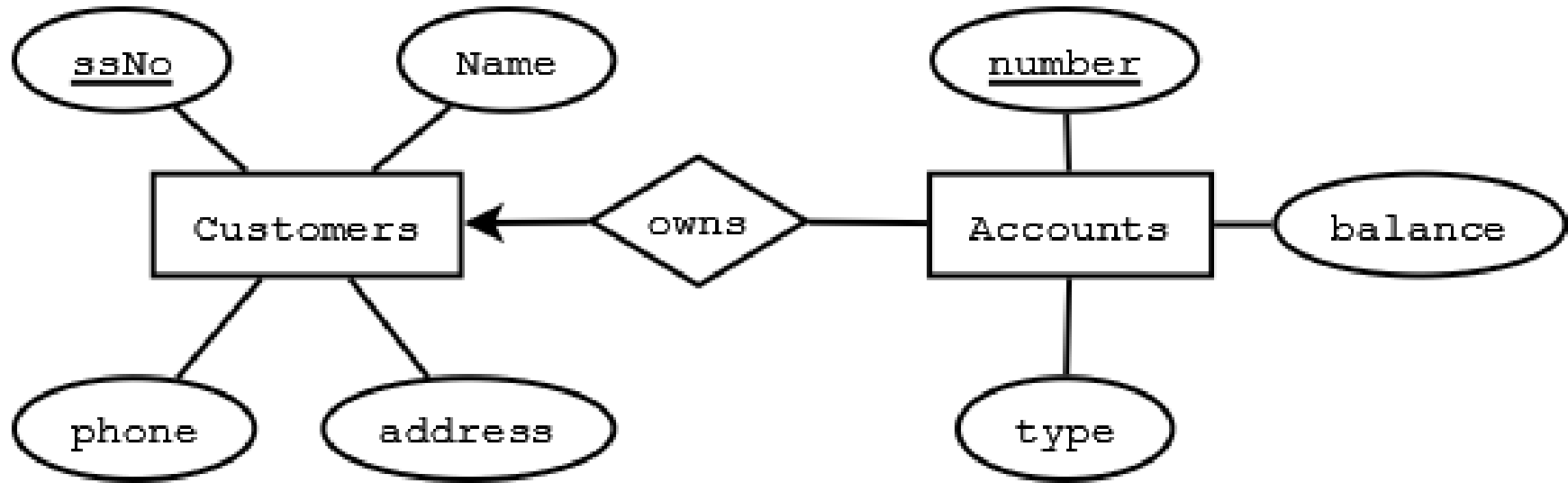
E/R Diagrams Examples

Exercise 4.1.1



- Customers (ssNo, name, phone, address)
- Accounts (number, type, balance)
- Owns (ssNo, acctNo)

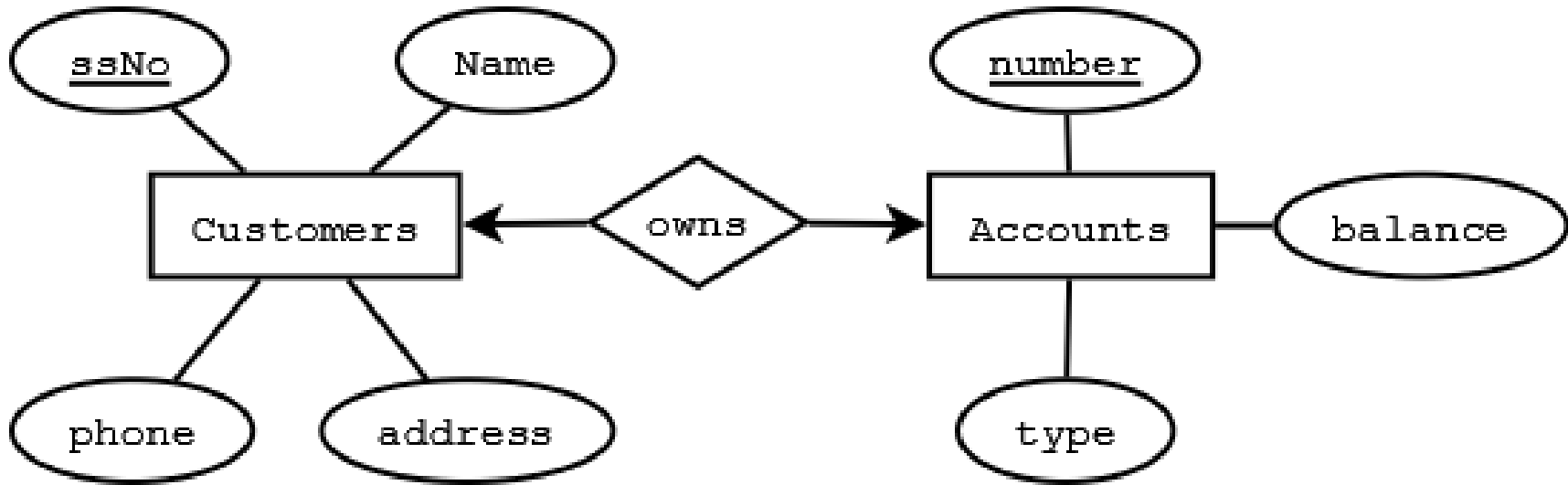
Exercise 4.1.2 a



- Accounts (number, type, balance, **ssNo**)
- Customers (ssNo, name, phone, address)

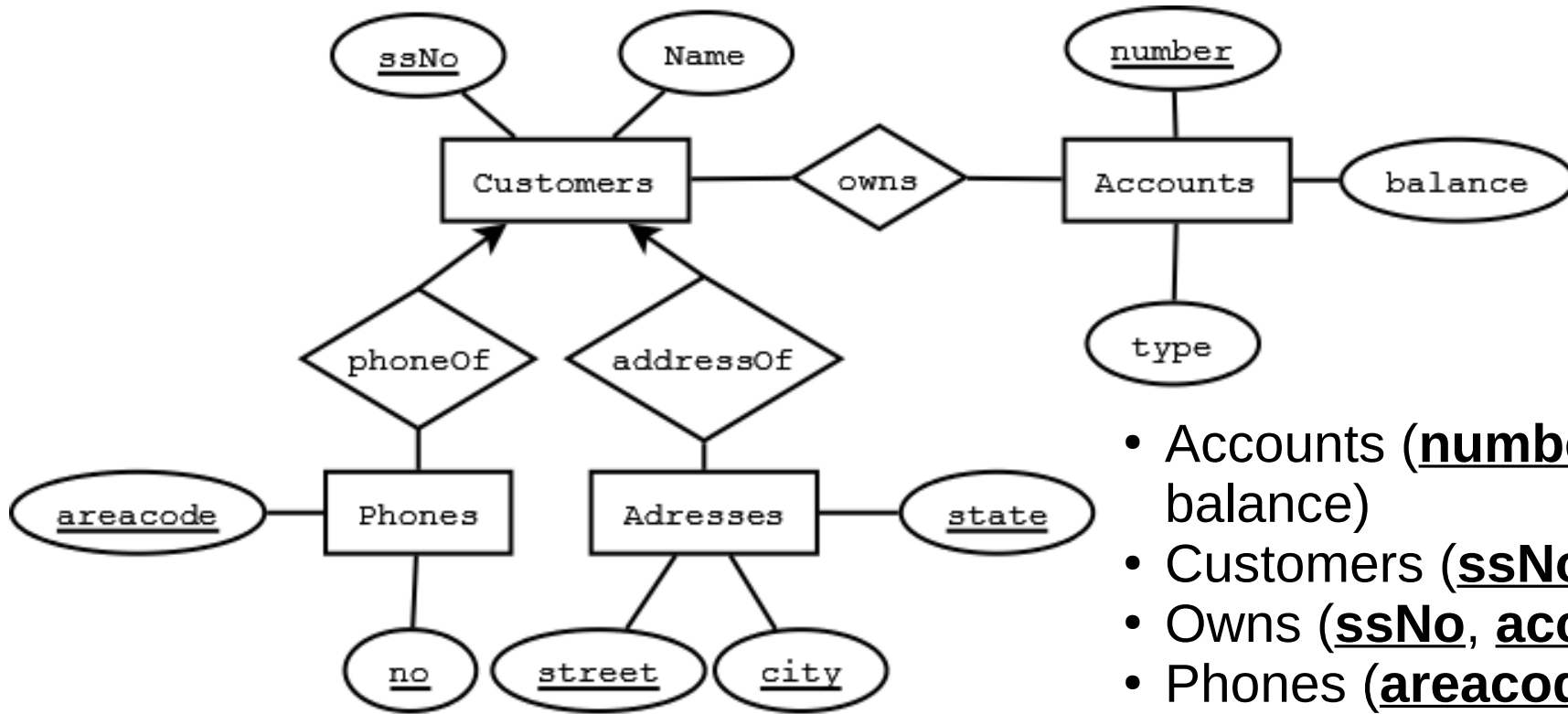
Exercise 4.1.2 b

- Accounts (number, type, balance, **ssNo**)



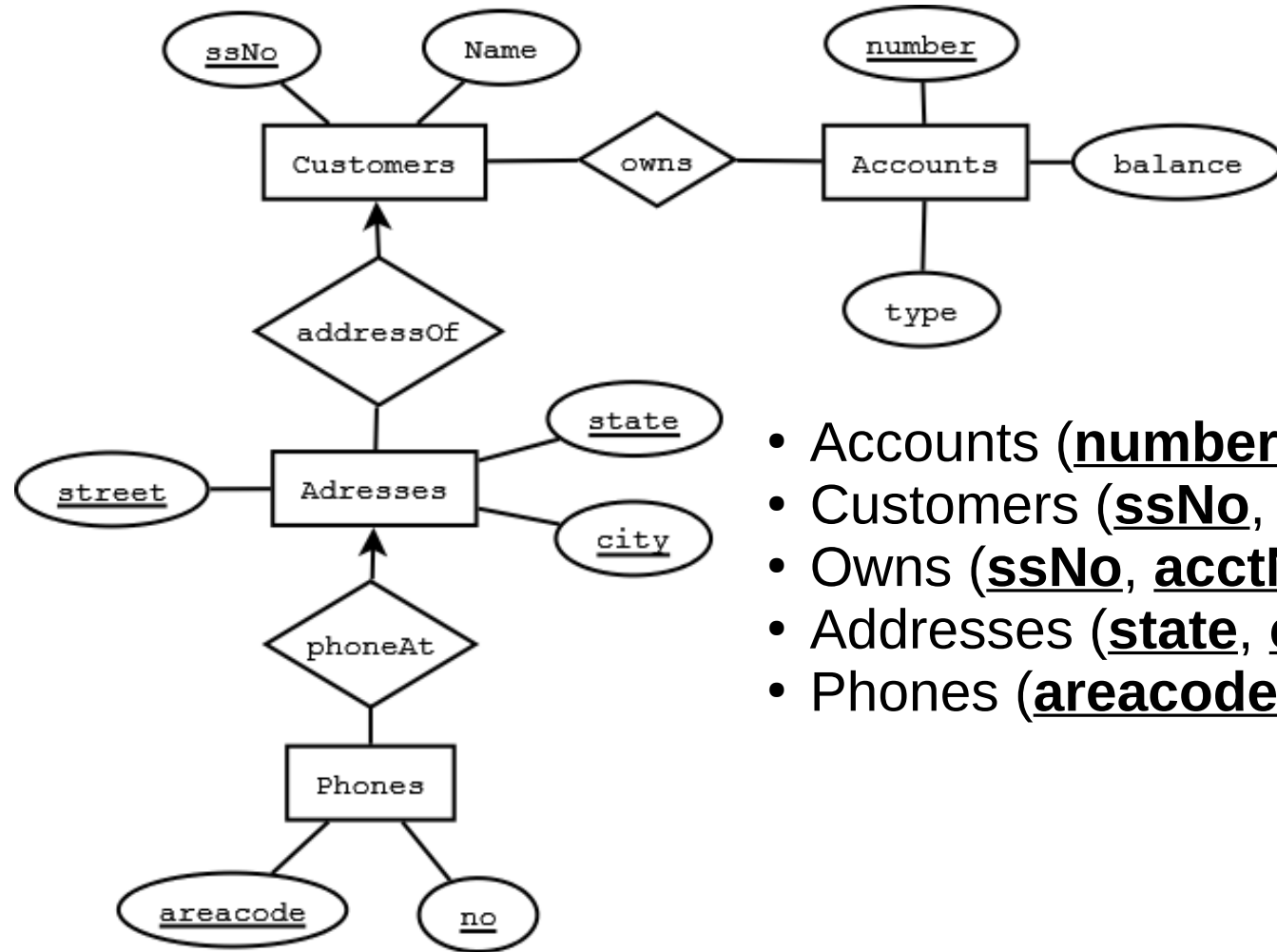
- Customers (**ssNo**, name, phone, address, **acctNumber**)

Exercise 4.1.2 c



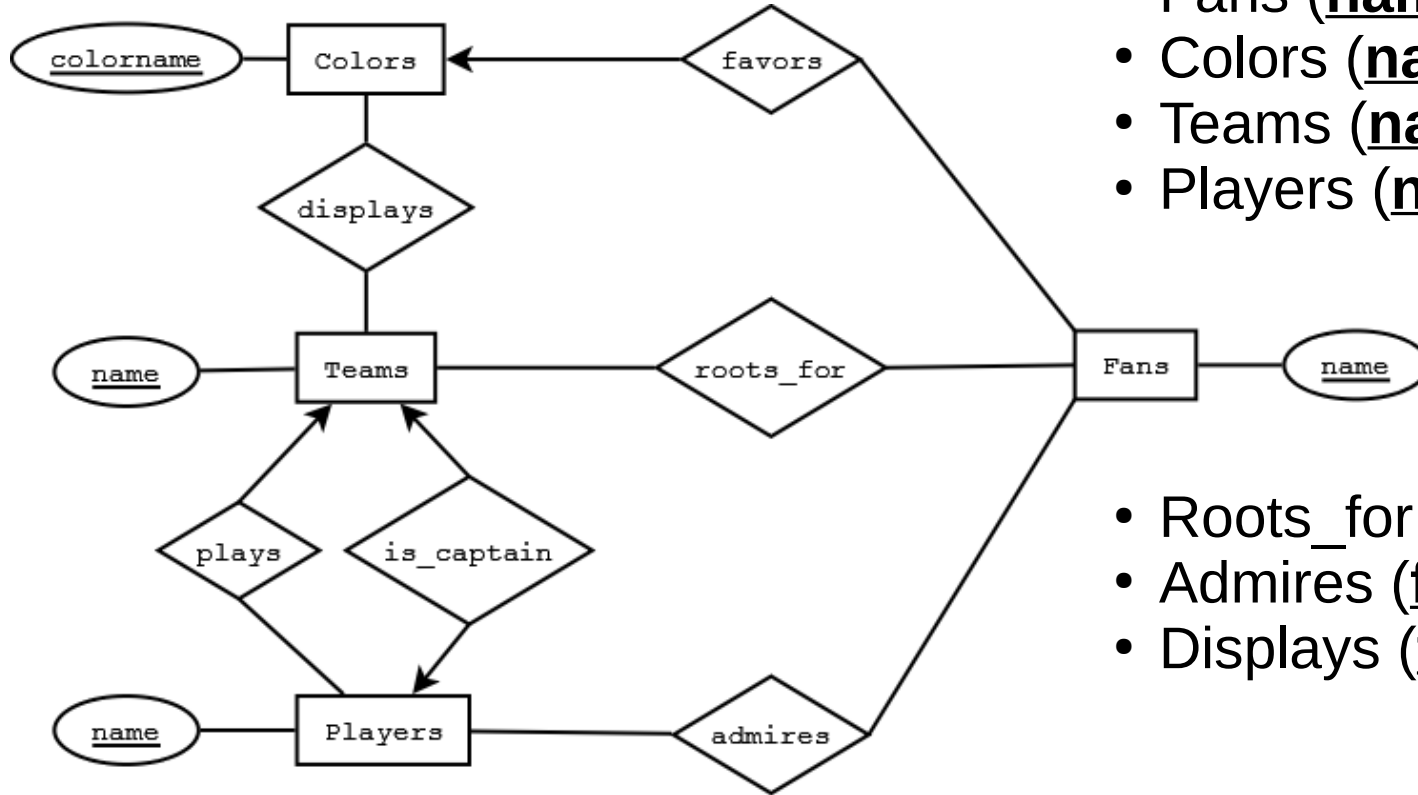
- Accounts (number, type, balance)
- Customers (ssNo, name)
- Owns (ssNo, acctNo)
- Phones (areacode, no, **ssNo**)
- Addresses (state, city, street, **ssNo**)

Exercise 4.1.2 d



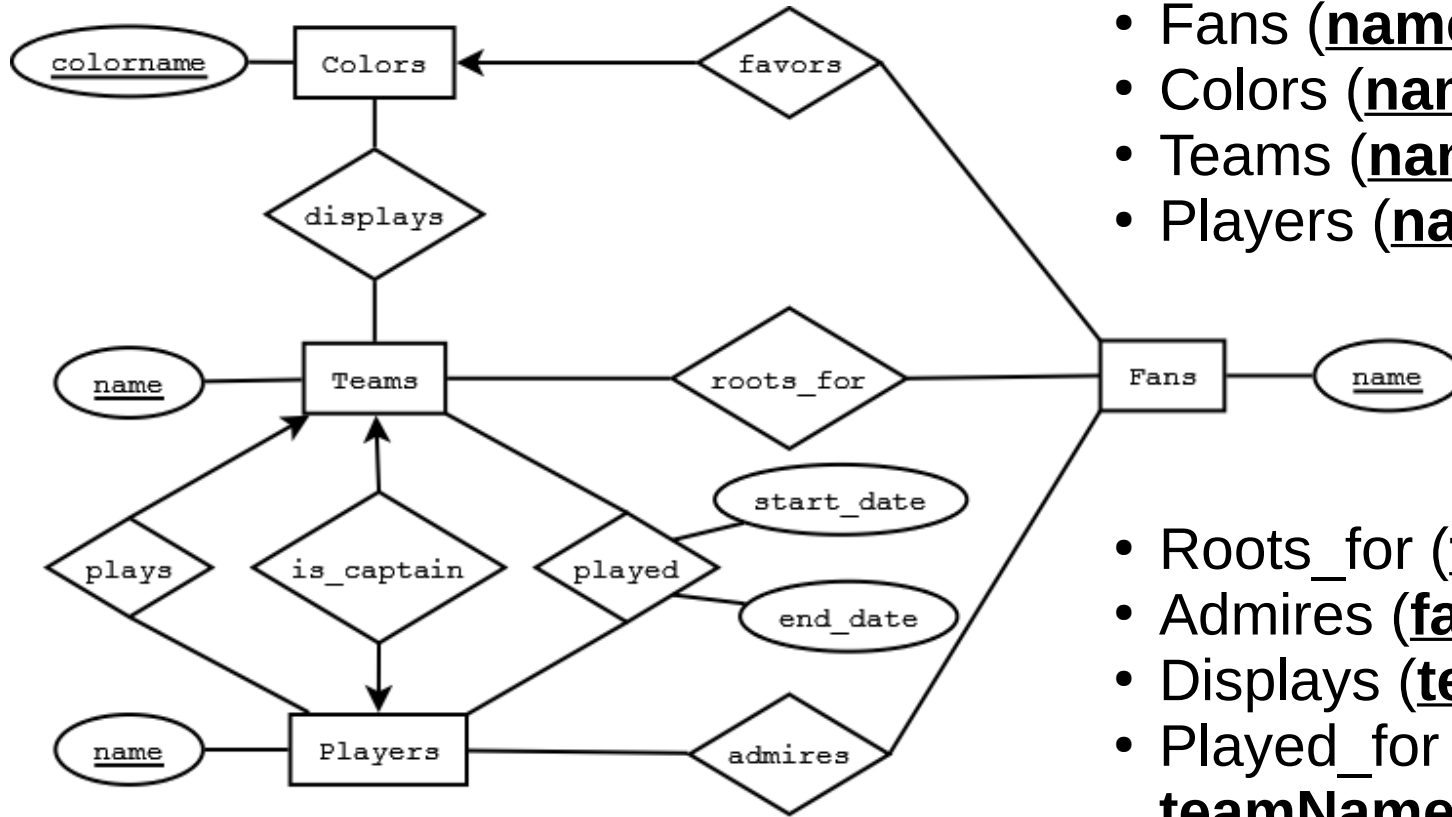
- Accounts (number, type, balance)
- Customers (ssNo, name)
- Owns (ssNo, acctNo)
- Addresses (state, city, street, **ssNo**)
- Phones (areacode, no, **state**, **city**, **street**)

Exercise 4.1.3



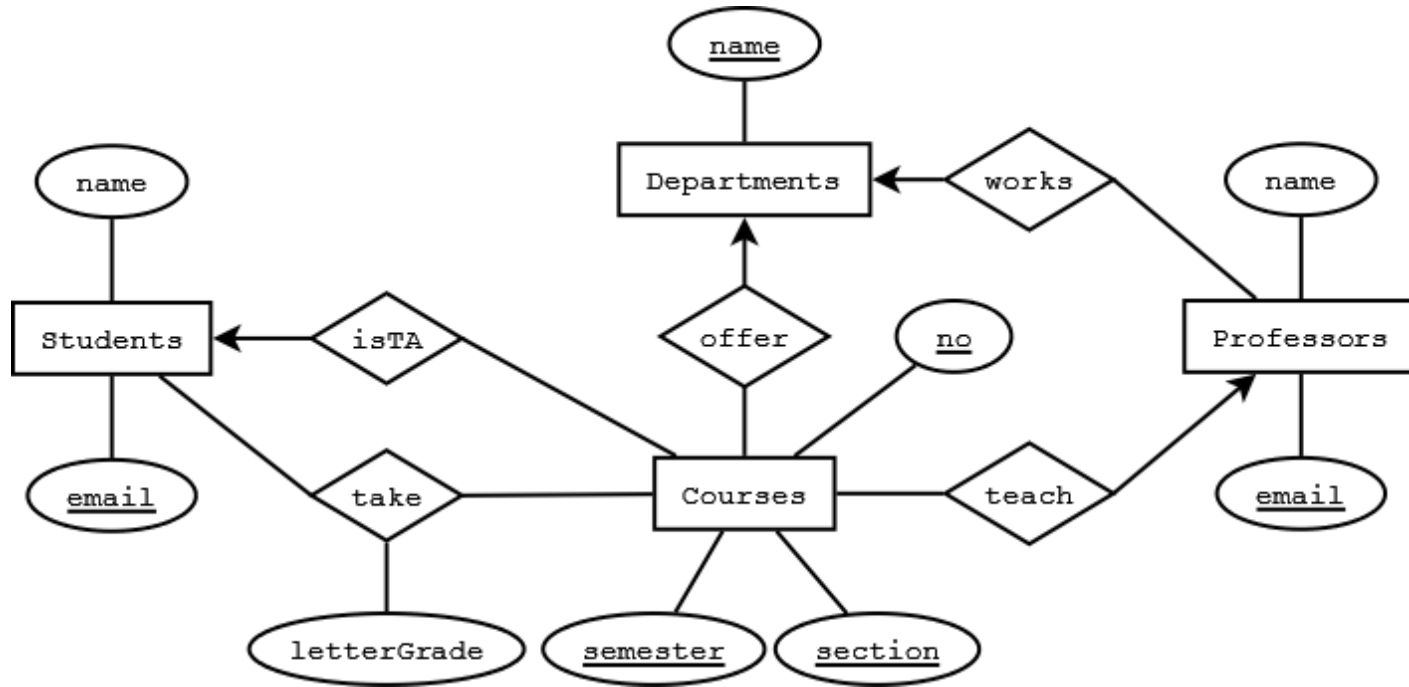
- Fans (name, favoriteColor)
 - Colors (name)
 - Teams (name, captainPName)
 - Players (name, teamName)
-
- Roots_for (fanName, teamName)
 - Admires (fanName, playerName)
 - Displays (teamName, colorName)

Exercise 4.1.5



- Fans (name, favoriteColor)
 - Colors (name)
 - Teams (name, captainPName)
 - Players (name, teamName)
-
- Roots_for (fanName, teamName)
 - Admires (fanName, playerName)
 - Displays (teamName, colorName)
 - Played_for (playerName, teamName, start_date, end_date)

Exercise 4.1.9



- Students (email, name)
- Courses (no, semester, section, TAemail, deptName, profEmail)
- Departments (name)
- Professors (email, name, deptName)

- Take (studentEmail, cNo, cSemester, cSection, letterGrade)