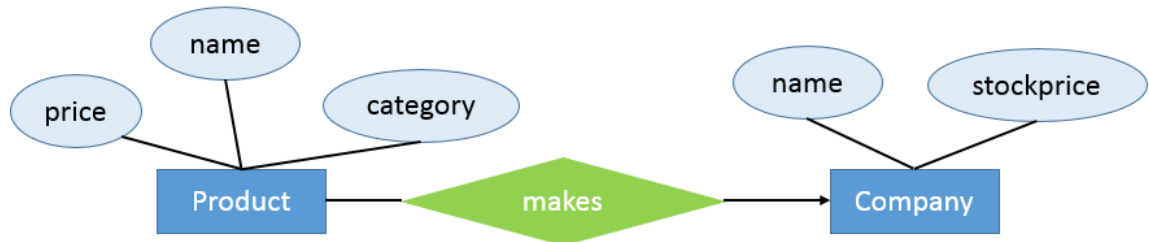
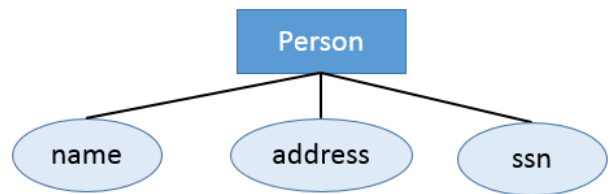


SE2222 – Assignment 7

Exercise



How to combine the Person entity?



1.

Exercise

Design a database for a bank, including information about **customers** and their **accounts**. Information about a **customer** includes their name, address, phone, and Social Security number. **Accounts** have numbers, types (e.g., savings, checking) and balances. Also record the customer(s) who **own** an account. Draw the E /R diagram for this database. Be sure to include arrows where appropriate, to indicate the multiplicity of a relationship.

- Change your original diagram so that a customer can have a set of addresses (which are street-city-state triples) and a set of phones.
- Further modify your diagram so that customers can have a set of addresses, and at each address there is a set of phones.

2.