



Somkiat Puisungnoen



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✎ When did you attend Ubon Ratchathani University? 14 Pending Items

Intro

Software Craftsmanship

Software Practitioner at สยามชำนาญกิจ พ.ศ. 2556

Agile Practitioner and Technical at SPRINT3r

Software analyst at TARAD.com

Software Developer at True Corporation

Former Software Engineer at Opendream

StatusPhoto/Videolive VideoLife Event

What's on your mind?

PublicPost

Somkiat Puisungnoen1 hr · Twitter ·

พรั่งนี้ไป share เรื่อง NoSQL ที่มหาวิทยาลัย

LikeCommentShare

Nuttachot Dusitanont, Chitpong Few Wuttanan and 50 others





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+ Add a Button



Write something...



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What's a Boosted Post?

A boosted post is the easiest way to reach more people on Facebook.

Codd's Rules

https://en.wikipedia.org/wiki/Codd%27s_12_rules



Database Design Phases

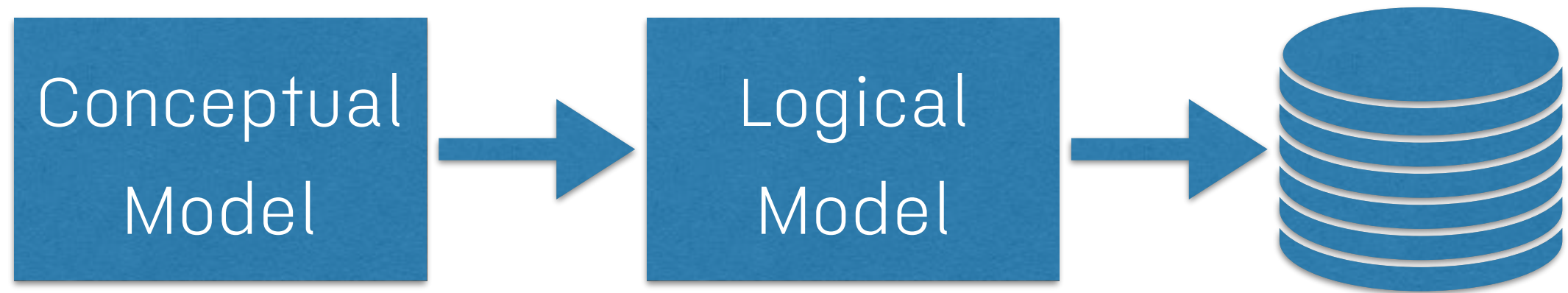


Requirement

Understand the operational and business requirements of an organization



Database Design Process



Conceptual Model

Express the **highest level relationships**
between the different entities



Conceptual Model

The most **simple representation** of database you are going to develop



Why Conceptual ?

Free from technical details such as field size, type and constraints



Why Conceptual ?

Describe of the **database requirements**



Why Conceptual ?

Easy to communicate idea between end user and development team



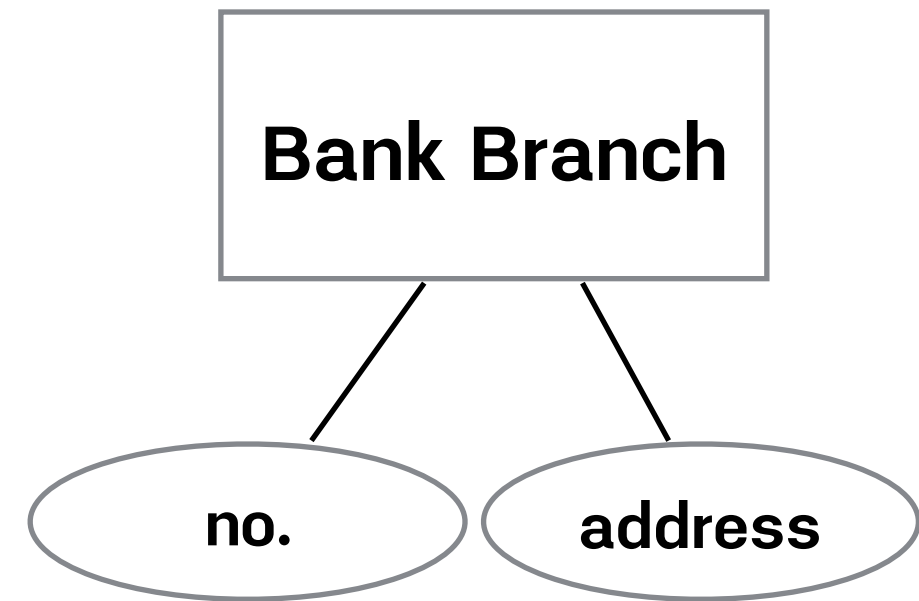
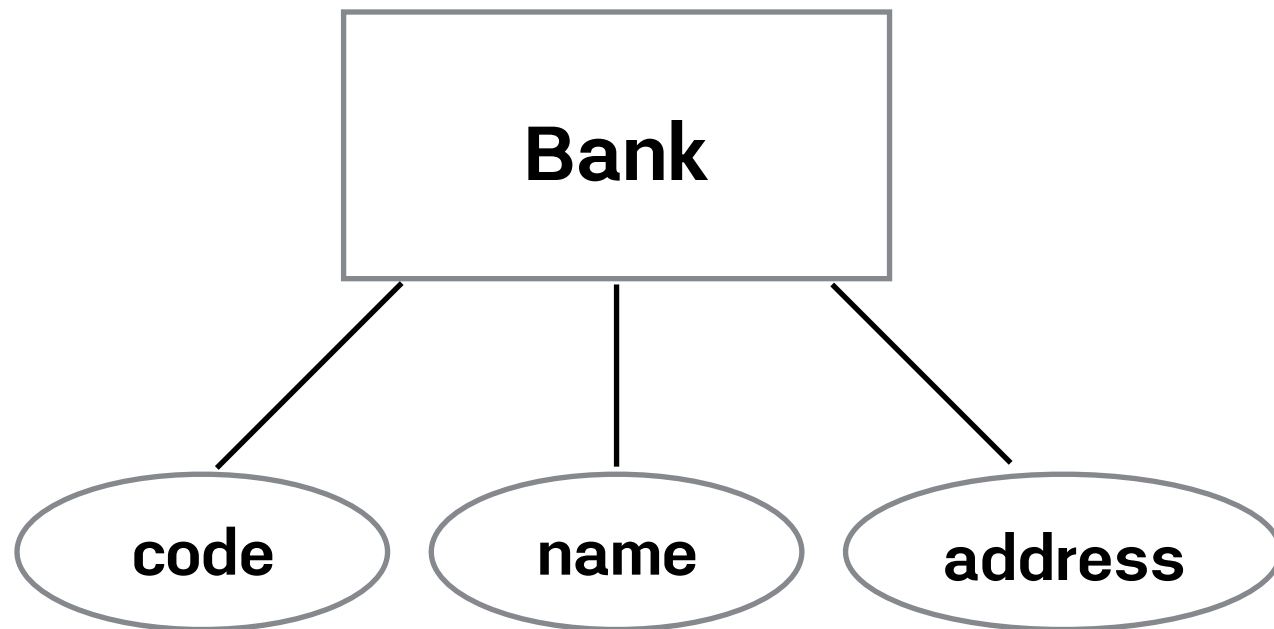
Example of Conceptual Model

ธนาคารมีหลาย ๆ สาขา
ลูกค้าสามารถมีได้หลายบัญชี



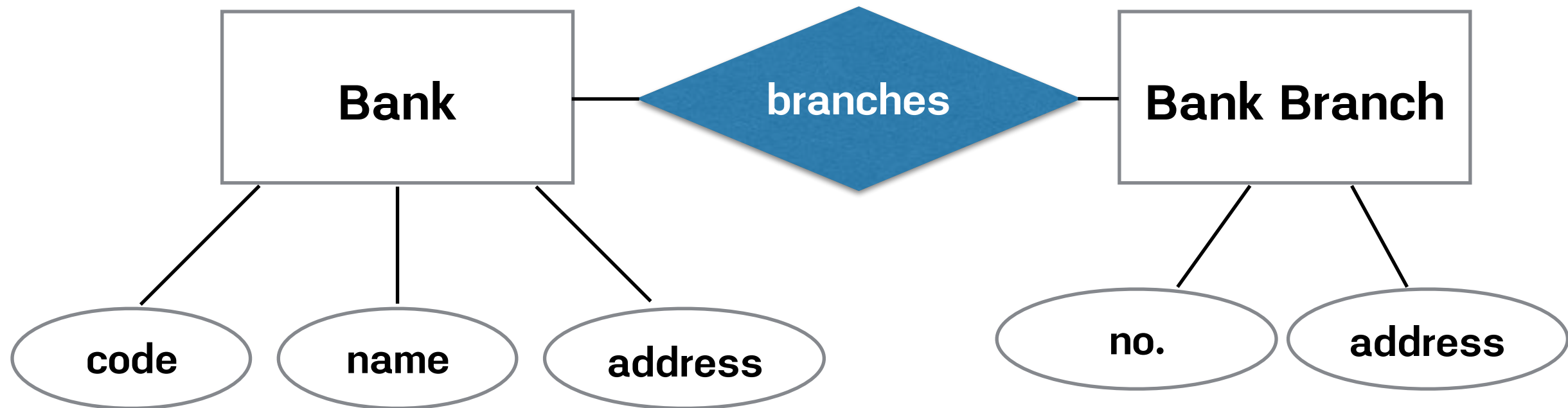
Example of Conceptual Model

ธนาคารมีหลาย ๆ สาขา



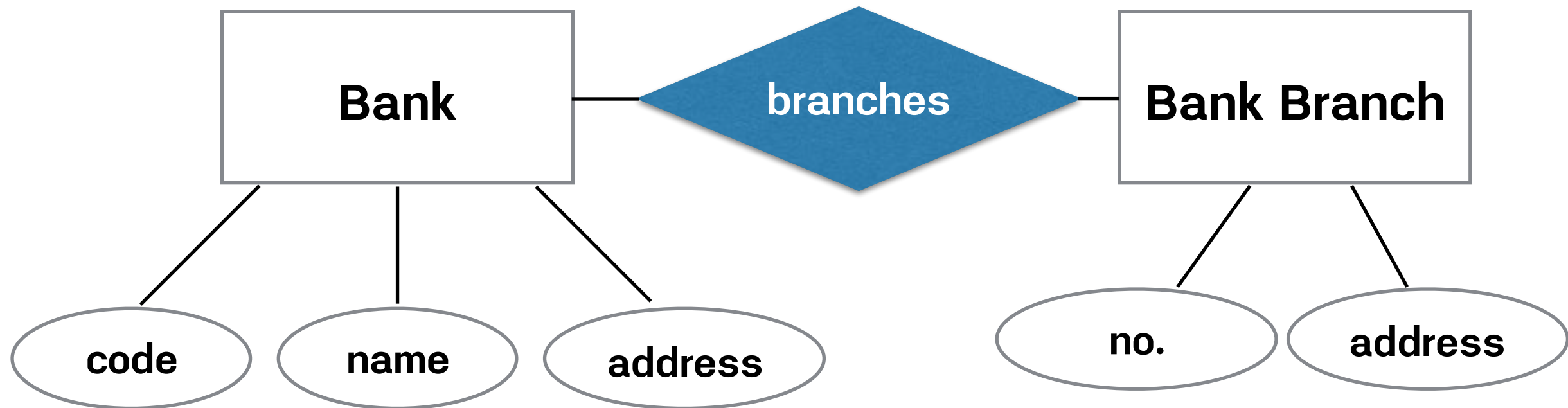
Example of Conceptual Model

ธนาคารมีหลาย ๆ สาขา



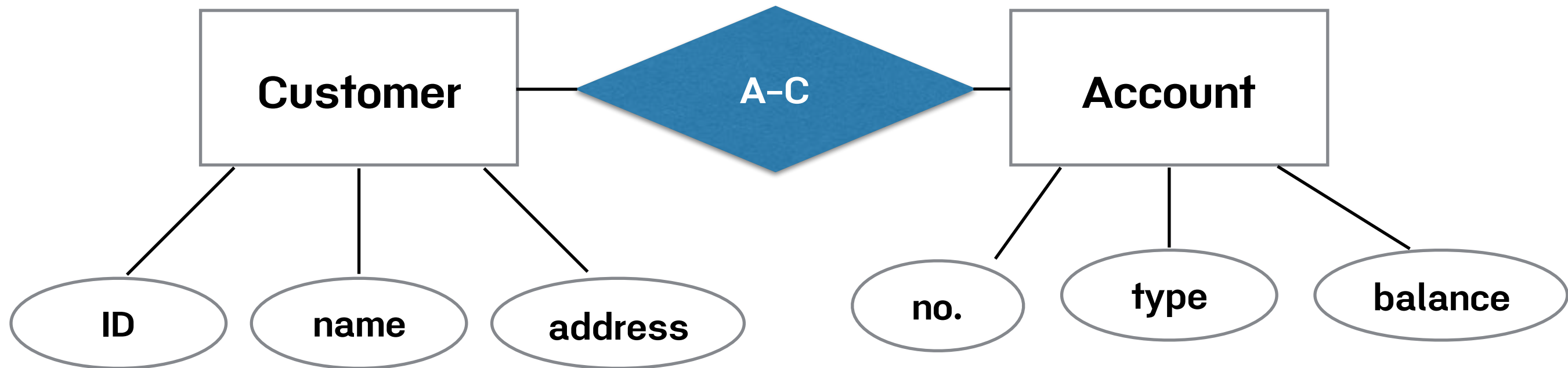
Example of Conceptual Model

ลูกค้าสามารถมีได้หลายบัญชี ?

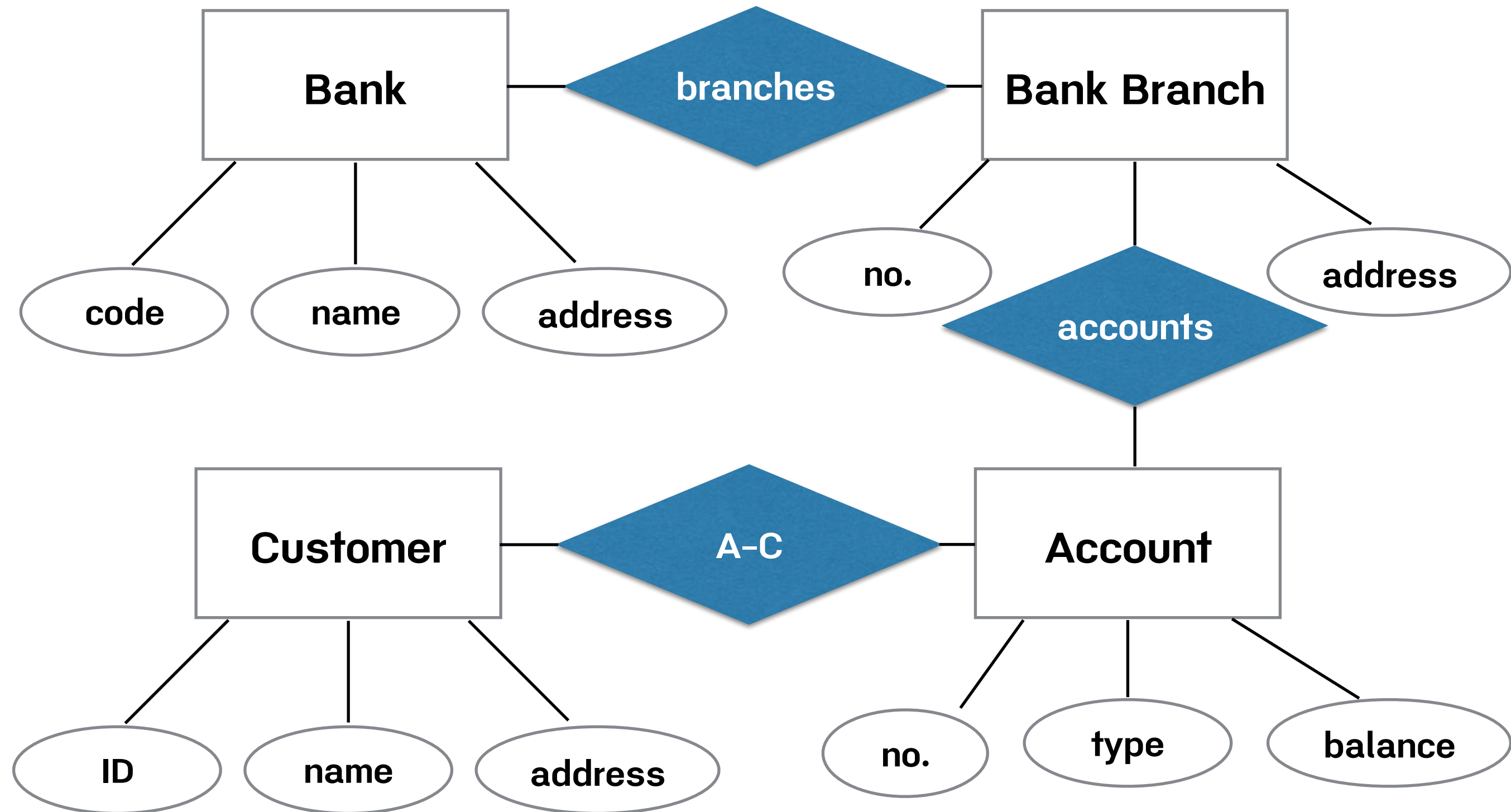


Example of Conceptual Model

ลูกค้าสามารถมีได้หลายบัญชี ?



Example of Conceptual Model



Logical Model

**Express fully attributed data model is
independent of DBMS**



Physical Model

Fully attributed data model specific to a version of a data persistence technology



Collection of information organized in tables



Relationships ?

