

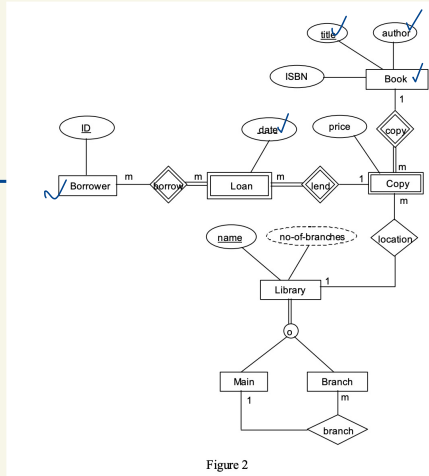
(1)

entity

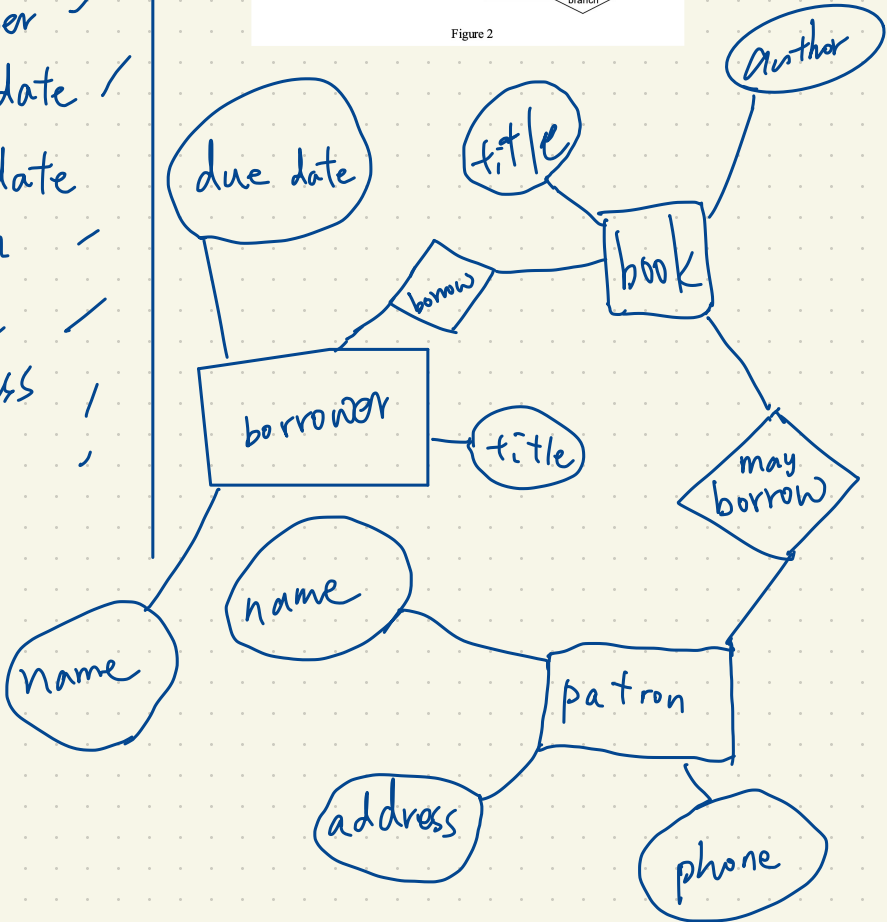
relationship

attribute

Draw an ER diagram for a (much simplified) database for a lending library. Map the following concepts to entities, relationships, and attributes: book, title, author(s), borrower, loan date (when the book was borrowed from the library), due date, patron (a person who may borrow books), name, address, phone (some attributes apply to both the library and to each patron). You may add a few attributes but keep that to a small number. For better or worse, there may be books with the same title, but perhaps by different authors. A patron may borrow the same book multiple times.



book /
 title /
 author /
 borrower /
 loan date /
 due date /
 patron /
 name /
 address /
 phone /



entity

relationship

attribute

(2)

book

title

author

borrower

loan date

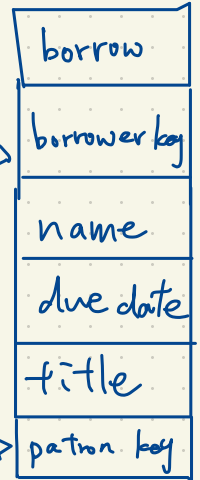
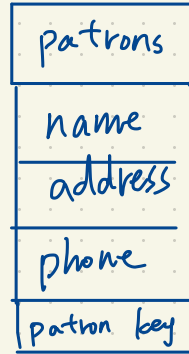
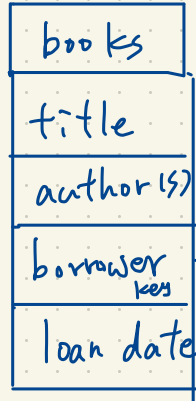
due date

patron

name

address

phone



(3)