Homework #1

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Due Date: February 04, 2016

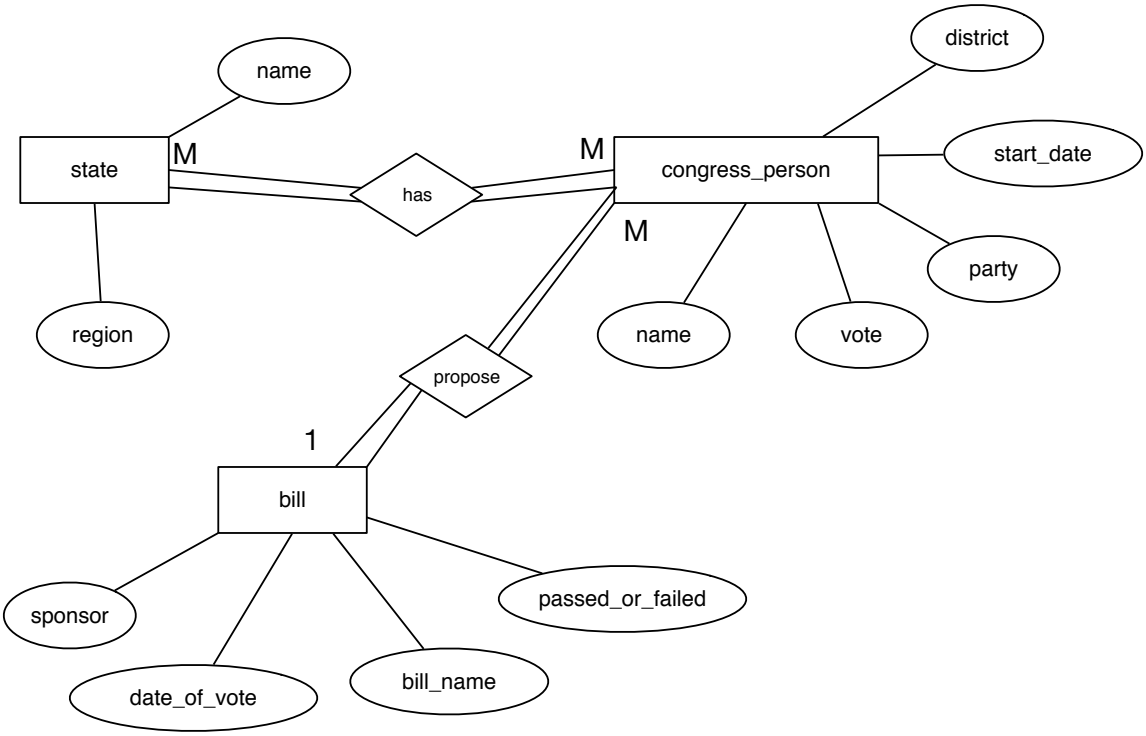
Question 1

a Section's CRoom (Building and Room Number).

b Section's DayTime and Year.

c Section's SecID for every Year.

Question 2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name
state
M
has
M
congress_person
start_date
M
party
region
name
vote
propose
1
bill
sponsor
passed_or_failed
date_of_vote
bill_name

Question 3

a Strong Entity Types

- Bank
- Accounts
- Loans
- Customer

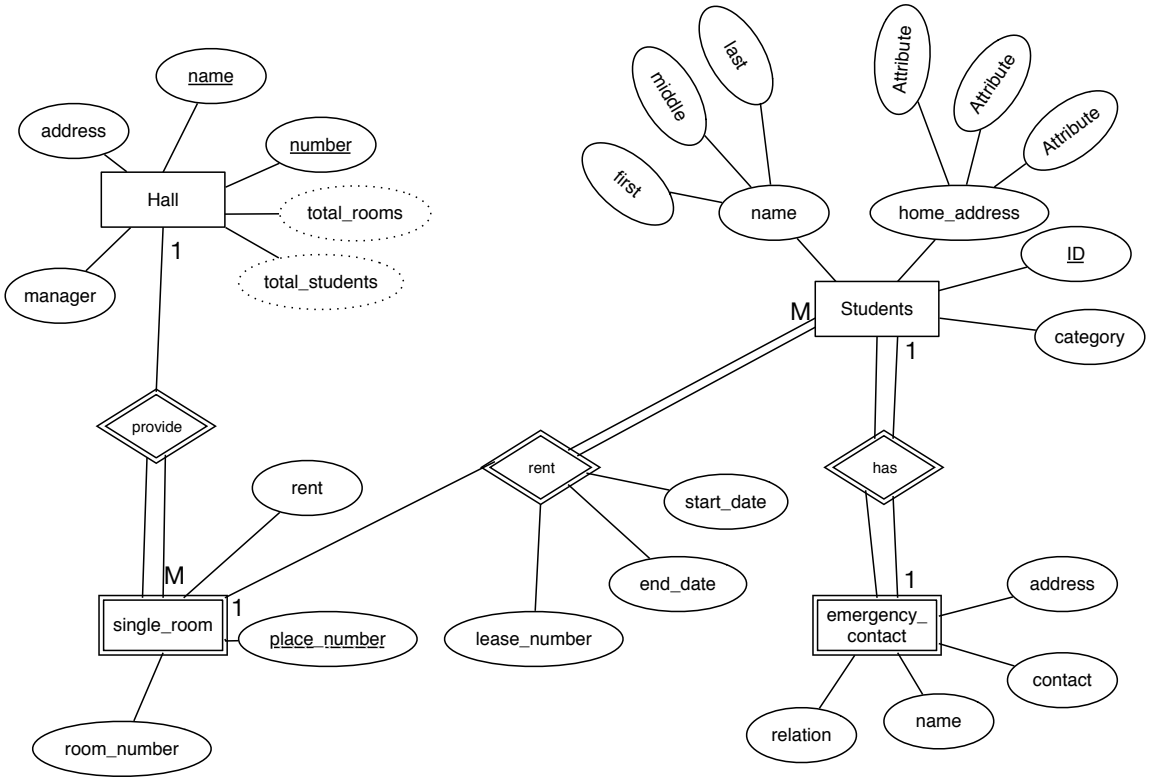
b Weak Entity Type

- Yes, the **Bank Branch** is a weak entity type. The partial key is the **Branch Number** and the identifying relationship is the **Branches** relationship.

c Constraints

- This information specifies that the branch number of a bank branch is only unique within a bank. For example, a bank branch in Bank A may have the same branch number as a bank branch in Bank B, but a bank branch in Bank A would not have the same branch number as any other bank branch in Bank A.

Question 4


name
address
number
Hall
total_rooms
manager
1
total_students
provide
rent
M
1
single_room
place_number
room_number
middle
last
first
name
Attribute
Attribute
Attribute
home_address
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Students
category
1
rent
start_date
end_date
lease_number
has
1
address
emergency_
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contact
relation
name