ROOM

stays in

DRINK

buys

STUDENT

LECTURER

stays in

participates

supervises

ACTIVITY

Attribute list:
STUDENT : student_number, first_name, second_name,
              telephone_number, class
LECTURER: lecturerID, first_name, second_name, age,
          telephone_number
ROOM: room_code, floor, building, number_beds, type_room
ACTIVITY: activityID, day, start_time, end_time, type_activity
DRINK : drinkID, Name, price, if_alcoholic

stays in:
participates:
supervises:
buys: amount

Relational model:
STUDENT : (student_number, first_name, second_name, telephone_number, class, *room_code*)
LECTURER: (lecturerID, first_name, second_name, age, telephone_number, *room_code*)
ROOM: (room_code, floor, building, number_beds, type_room)
ACTIVITY: (activityID, day, start_time, end_time, type_activity)
DRINK : (drinkID, Name, price, if_alcoholic)

stays in:
participates: (*student_number*, *activityID*)
supervises: (*lecturerID*, *activityID*)
buys: (*student_number*, *drinkID*, amount)

Totality:

All students stay in a room
Not all rooms have students staying in those rooms
Not every student buys a drink
A drink does not have to be bought by every student
Every lecturer stays in a room
Not every room has a lecturer
All students participate in activities
All activities have students participating in them
Not all lecturers supervise activities
All activities are supervised by a lecturer

Multiplicity:

A particular student stays in one room
In a particular room stay multiple students
A particular lecture stays in one room
In a particular room stays one lecturer
A particular student can buy multiple drinks
A particular drink can be bought by multiple students
A particular student participates in multiple activities
A particular activity has multiple students participating
A particular lecturer supervises multiple activities
A particular activity is supervised by multiple lecturer