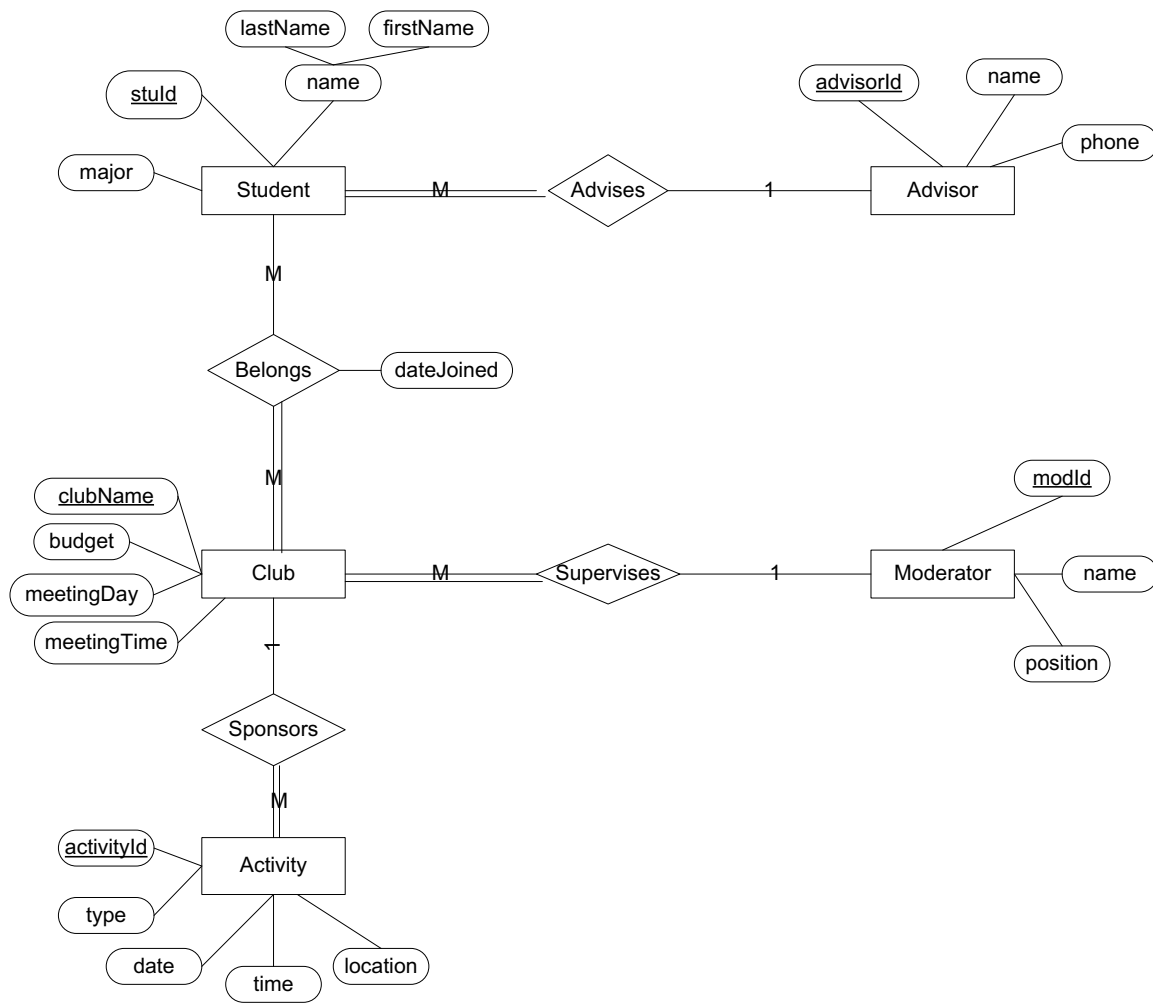
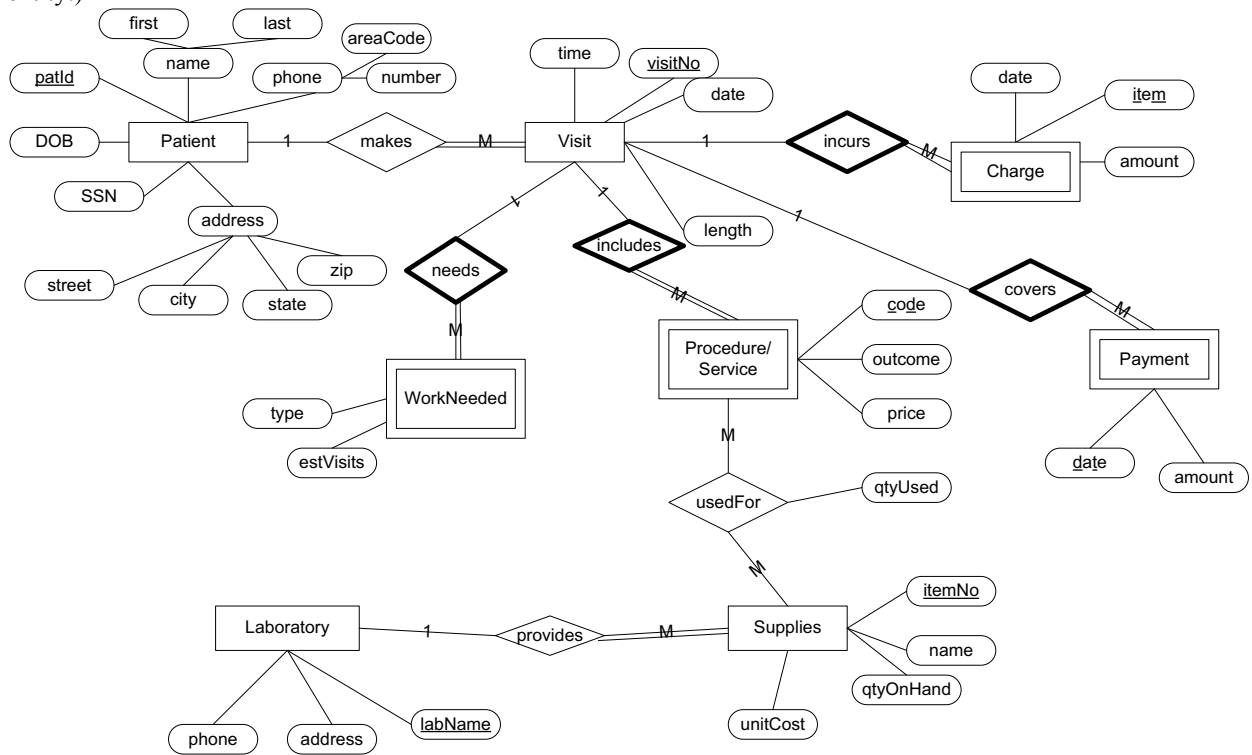


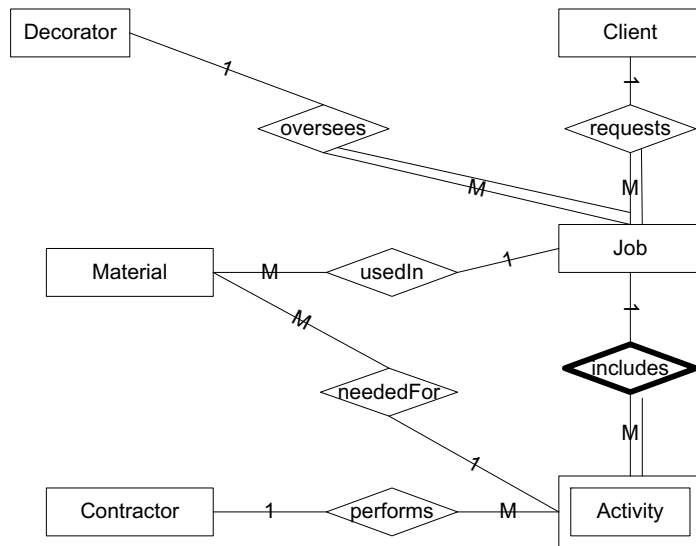
3.4 A possible solution is shown here, but variations can be correct as well.



3.5 A possible solution is shown here. (Note: heavy outline on a relationship diamond represents relationship for weak entity.)



3.6 A possible solution is sketched here.



Attributes are omitted to save space. They could include

Decorator: empId, name(first, last), address(street, city, state, zip), phone(areaCode, number), mobilePhone, dateHired, salary

Client: clientId, name(first, last), address(street, city, state, zip), phone(areaCode, number), referredBy

Job: jobNo, description, estTime, estCost, plannedStartDate, plannedEndDate, actualStartDate, actualEndDate, actualTime, actualCost

Activity: activityName, description, estCost, estTime, plannedStartDate, plannedEndDate, actualStartDate, actualEndDate, actualTime, actualCost

Contractor: licNo, name(first, last), address(street, city, state, zip), phone(areacode, number), rating, specialty

Material: itemNo, manufacturer, description, supplier, quantity, cost