**GRADE SHEET: Grade – 90%**

\_\_20\_\_ 20% Identification of objects

\_\_20\_\_ 20% Important methods and attributes

\_\_18\_\_ 20% Identification of relationships and annotation of their types

\_\_8\_\_ 10% Legend documenting the notation

\_\_8\_\_ 10% Organization of groups of objects, object decomposition, and clear communication of organization and decomposition using diagrams and text.

\_\_8\_\_ 10% Cardinalities (multiplicities) of relationships

\_\_8\_\_ 10% Other

Comments:

* Needed is a high level diagram showing three objects, the client, the server and the database. Then okay to show the separate parts.
* Can you think of a way to express the directionality of the relationships (for example in the composition relationship, which side “owns” which, and in the aggregation, which is comprised of the other?)
* You have expressed cardinality in the context of one object at the end. Cardinalities are between objects, meaning in the case of 1-n that for every object of the first type, there are potentially n of the second type, etc. Can you label your relationships or describe their cardinalities? I am unsure what it means when you say an object or class has 1-1 or 1-n or n-m cardinality.

Comments – Second Grading

* Much better. Still would be better to have the cardinalities labeled on Figure 2 also.