

Group members: _____

Part 1. Drawing Entity Relationship Diagrams

When we interviewed our client, we were given these requirements: Every supplier provides us with at least one item, but possibly more. Every item must be carried by at least one department, and possibly more. We keep track of items even if they're not currently being supplied, but, if they are being supplied, then only one supplier has the contract for providing it. Some departments carry many items; some don't have any.

Draw an ER diagram with Entities and Relationships, including participation and cardinality (how many) constraints. For simplicity, attributes have been omitted.

Part 2. Convert this ER diagram to a Relational Database schema:

