Appendix I
Entity Relationship Diagram

Entities
There are three entities in the database:
- Part
- Supplier
- Buyer

Relationship
The relationship between Part and Supplier is a many-to-many relationship as one supplier could supply many parts and one part could be supplied by many suppliers. The relationship between Part and Buyer is also a many-to-many relationship One buyer can buy many different parts, and one part can be purchased by many buyers.

Entity Attribute
Entity Part has three attributes:
  - Part Number
  - Quantity
  - Lead Time
Entity Supplier has one attribute:
  - Supplier ID
Entity Buyer has one attribute:
  - Buyer ID

Entity Relationship Diagram