Minimal Set of Functional Dependencies for Each Relation

Entity Sets

- 1. Employee:
 - a. EmpID→ name, role, vend_name
- 2. Inventory:
 - a. Upc→ description, quantity, vendor_id, price
- 3. Sales:
 - a. receiptNo+date, EmpID, CustID, upc
- 4. Customers
 - a. CustID → name
- 5. Vendor
 - a. vendor_id → vend_name

Relationships

- 6. Updates
 - a. Upc, receiptNo. -> quantity
 - b. (NOTE: Used to express the updates inventory based off a receipt/sale).