**HONG, Suk-Jin 20154003 T01**

1. Entity

Author (author-id, Email, name)

Book (ISBN, title, price)

Category (category-id, category name)

Sale-Staff (staff-id, name, position)

2. Weak entity

Transaction (staff-id, date, time)

(staff-id is not null)

3. Relationship

Writes (author-id, ISBN)

Belong-to (ISBN, category-id)

Sale (ISBN, staff-id, date, time, copies)

Include (sub-category-id, super-category-id)