

Entities:

- Item
- Image
- User
- Role

Relationships:

- Item and Image: One-to-Many relationship (Item has multiple Images)
- User and Item: One-to-Many relationship (User has multiple Items)
- User and Role: Many-to-One (Role can be assigned to multiple Users)

Cardinality:

- Item and Image: Cardinality - One Item can have multiple Images, and each Image belongs to only one Item.
- User and Item: Cardinality - One User can have multiple Items, and each Item belongs to only one User.
- User and Role – One User can have only one role, and each Role can be appointed to multiple Users

Item (associative entity):

- Key attribute: id (generated value)
- Attributes: name, price, description, city, previewImageId, dateOfCreated

Image:

- Key attribute: id (generated value)
- Attributes: name, fileName, size, contentType, isPreview

User (key entity):

- Key attribute: id (generated value)
- Attributes: name, email, phoneNumber, active, password, dateOfCreation

Role (weak entity):

- User_id
- Role

Diagram:



