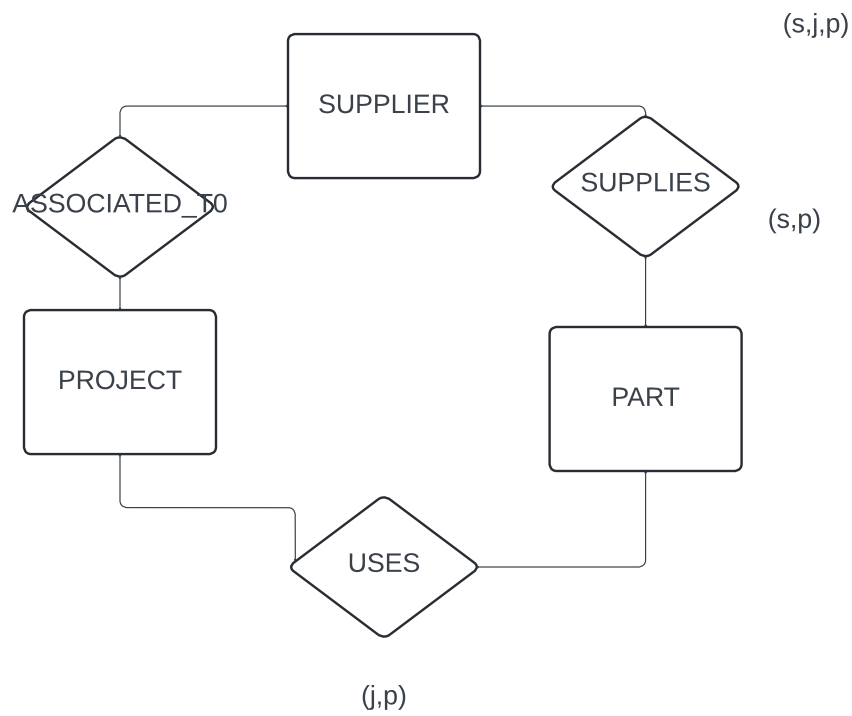


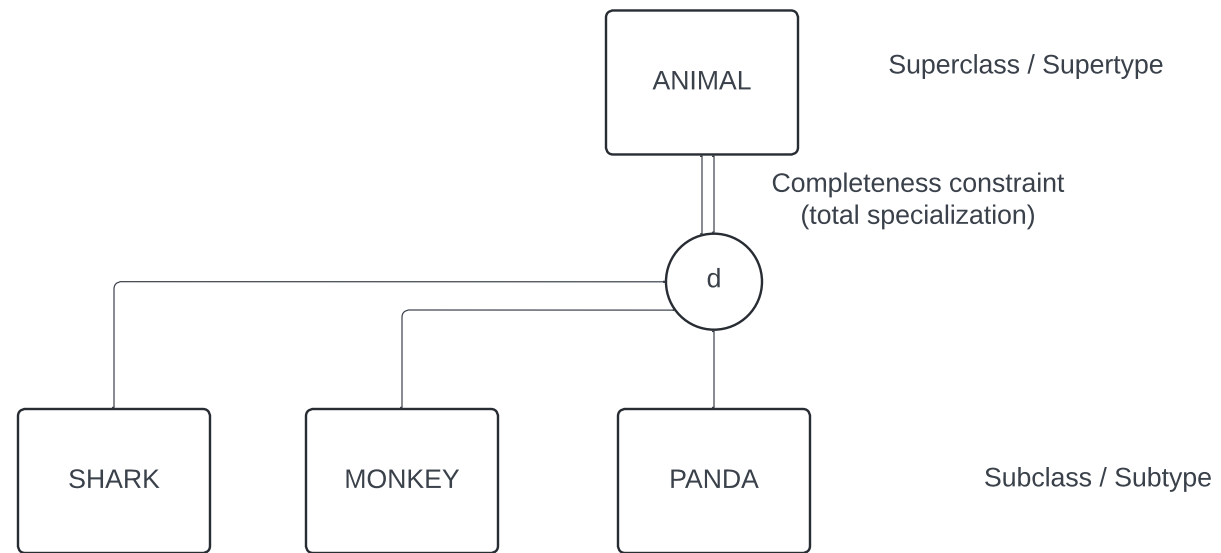
EE-R Model (Extended Entity Relationship Model)

Inheritance -

Specialization - process of going from a less specific entity type, to groupings of more specific entity types.



Need to enforce additional constraints to make 3 binary relationships equivalent to a single ternary relationship.



Constraints of Subclass / Superclass relationships?

- Completeness Constraint
- Disjointness Constraint

ANIMAL

SHARK

MONKEY

PANDA

Superclass / Supertype

Takeaway 1 - I can't be an SHARK, MONKEY, or PANDA without being an ANIMAL

Completeness constraint (total specialization)

Subclass / Subtype