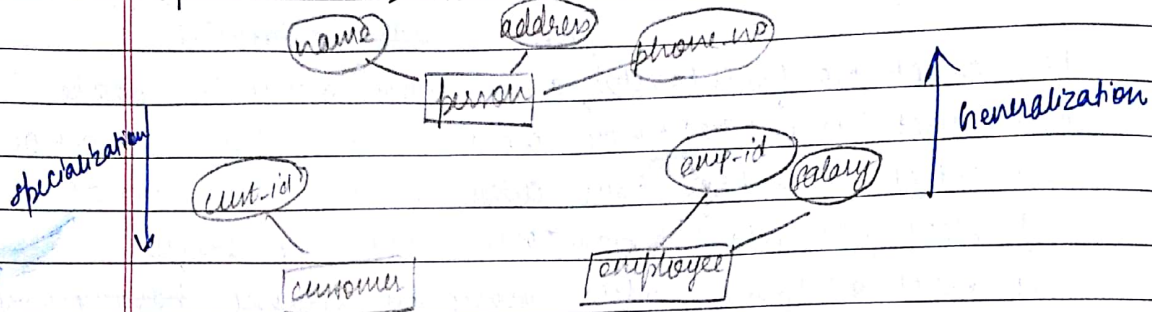


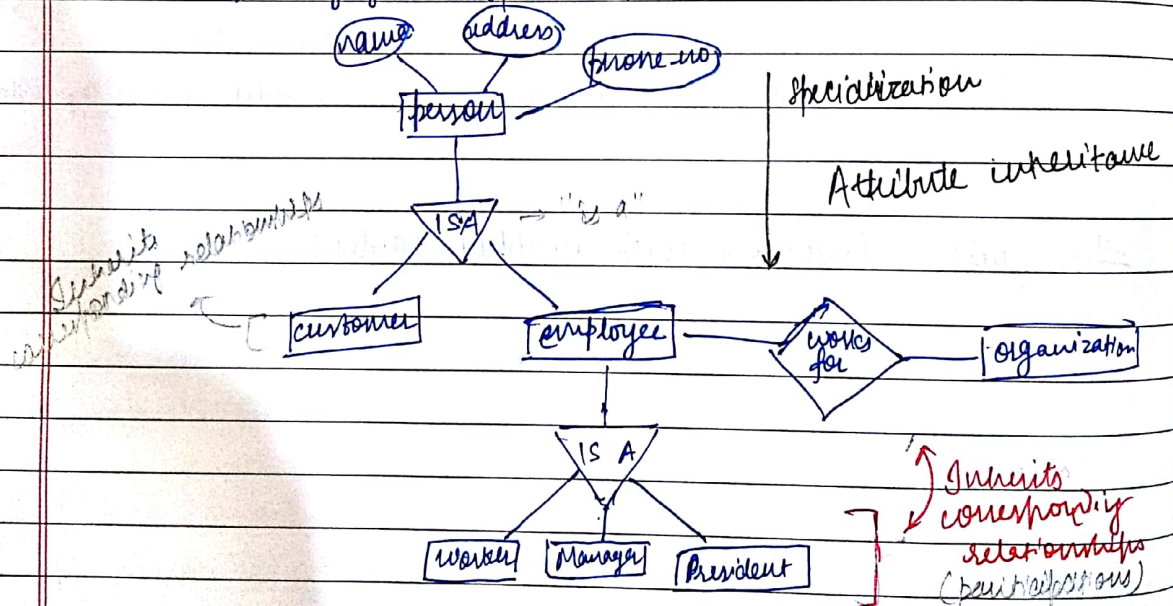
extended feature of ERP

Specialization & Generalization



* Generalization is a bottom up approach of finding higher level entity set from a set of lower level entity sets based on few common attributes.

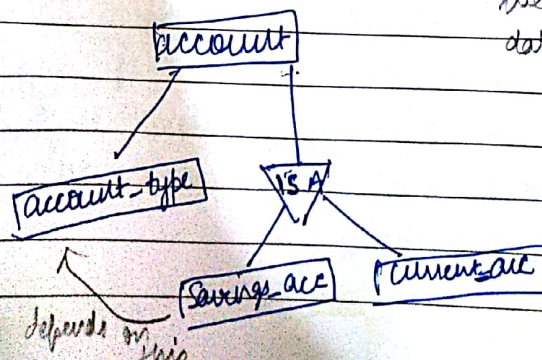
* Specialization is a top-down approach of creating lower level entity set from higher level entity set, incorporating some specialized attributes.



Constraints for generalization

A) 1.) Condition defined constraints

→ & not specialization because inheritance is already done. we are just assigning name data to a specific set.



2) User defined constraints

- Manual categorization done by user

B) 1) Disjointness

- Tells us that one entity can belong to only one lower level entity set.

- comes directly from condition defined constraints.

For ex - account can only belong to either savings or current and not both.

2) Overlapping

- comes from user defined constraints.

- entity can belong to more than one entity set.