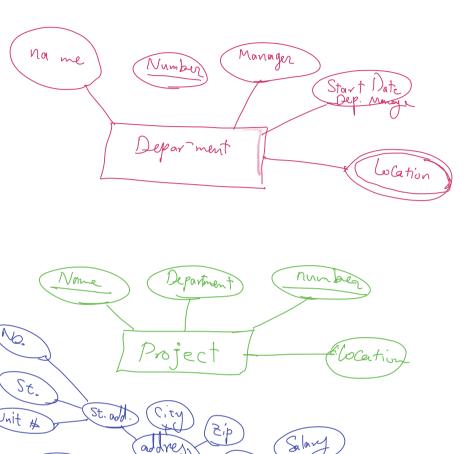
Entity: a specific object in the min-world for which we will design the database. Tuple, Rows of tables The project X.
Entity Type: a Set of entities that Share the Sane Properties. Project Department Employee Patity Types in an ERD
- Attributes: the properties of entities
(12)
- Attribute Types (Domain of attributes): The domain of values
-Entity Set: the Current Set of entities within the database Surrent State of the Data base
Department Empoyée Step 1:
Entity Types Dependent

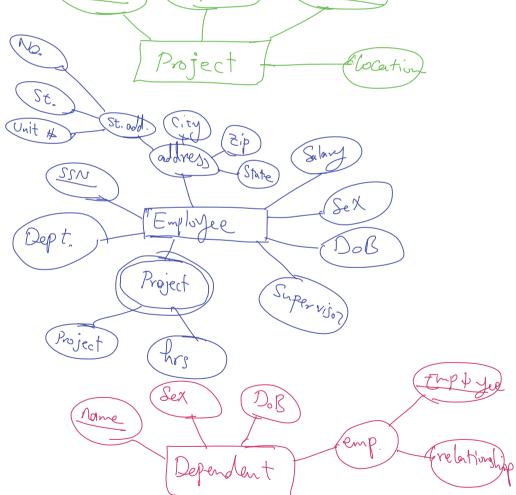
Step 2 = Specify the attributes Attributes | Simple: Take a Single atomic value Loe.g.: name;

Composite: has multiple Components
Loe.g.: address (Street address, City, State, Zijocole) St. add. City State ZipColl
Number Street apt. # Multi-valued: Can take a Set of Values L>e.y.; {Previous degrees} Entity must have at least one Key attribute

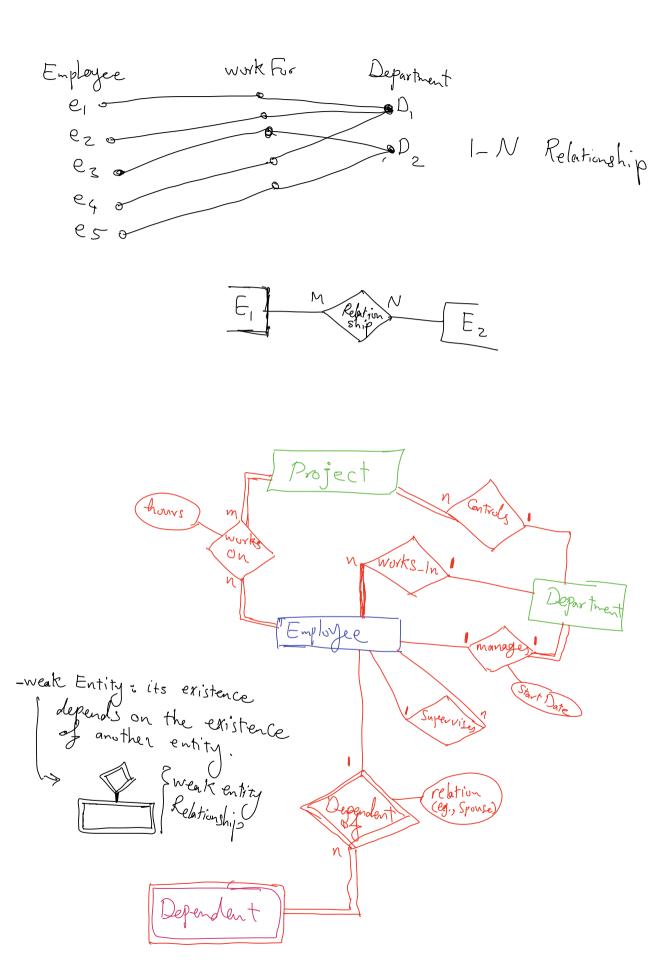
SSN

Unique attribute





A relationship relates two or mo meaning	me entities	with	a Specific
	uject X Project		•
-A Set of relations with the s. Relationship Type		are	Callee C
-Degrees of Relationship,	Project Project Project Project	Degree is	of the relationship M-N
Relationship type Employee Manages Departmen e1 e2 e3 D3	1-1	Re lation	gide
Employee Supervises e, 2 e2 e3 e4 2 e5 2		Relat	ionsh;p



Relationship Degree Constrainte

