

# Notations

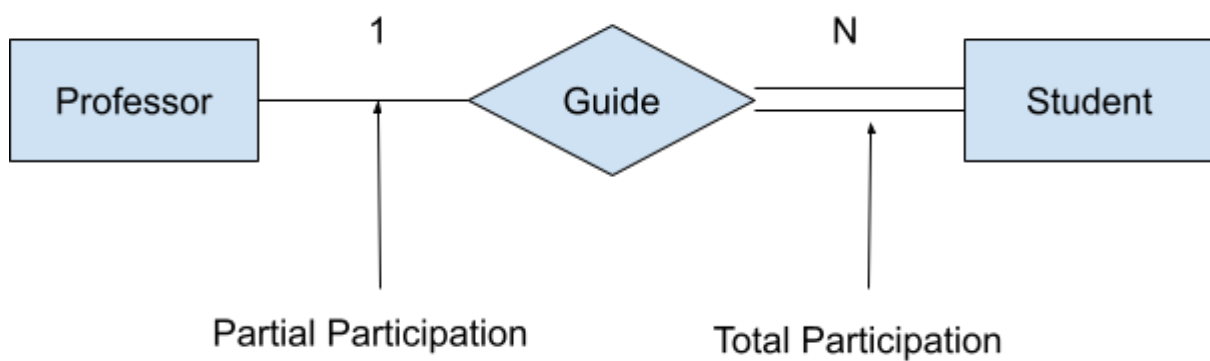
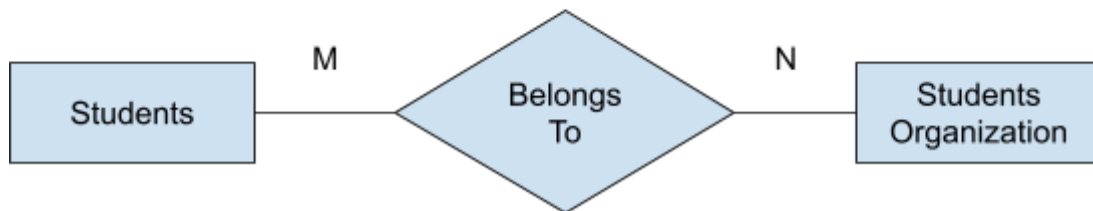
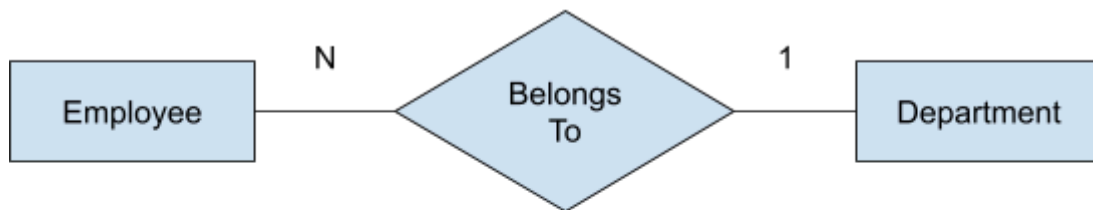
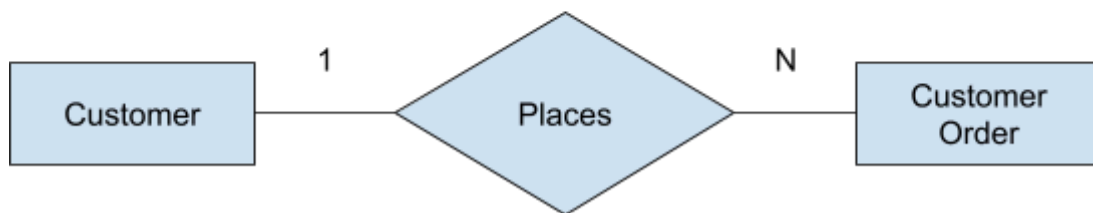
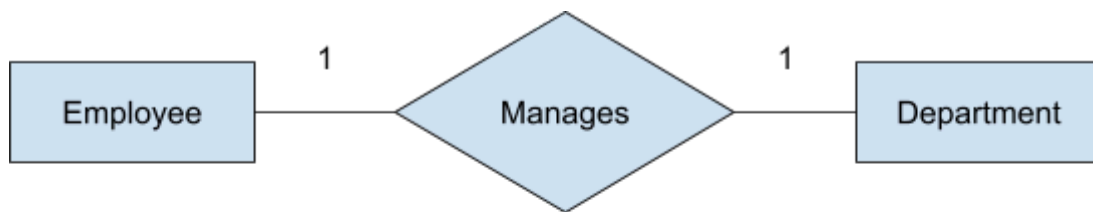
## Chen Notation



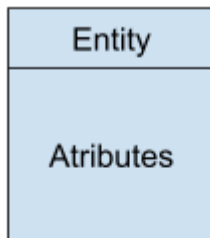
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**mandatory** relationship

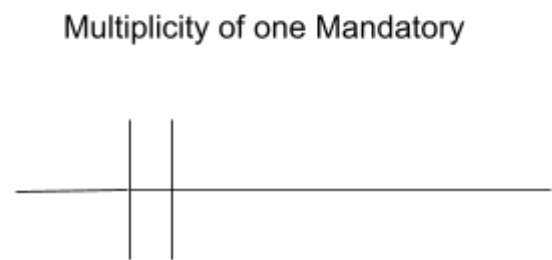
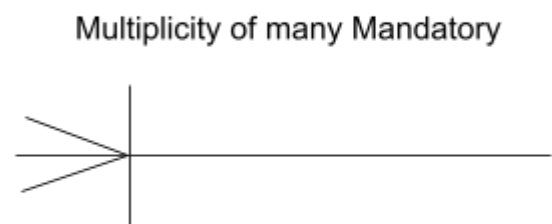
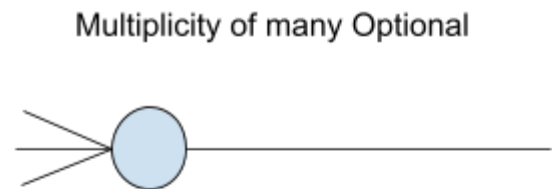
**optional** relationship

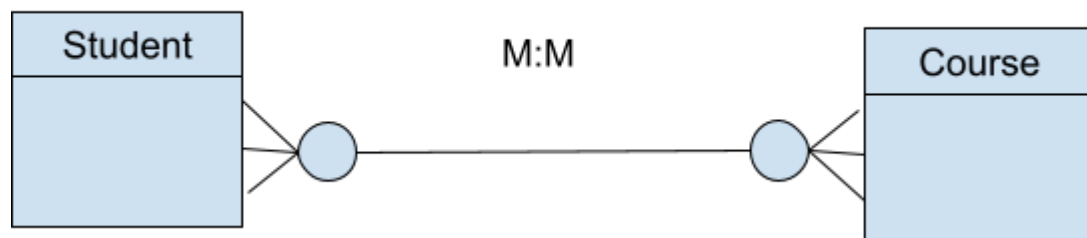
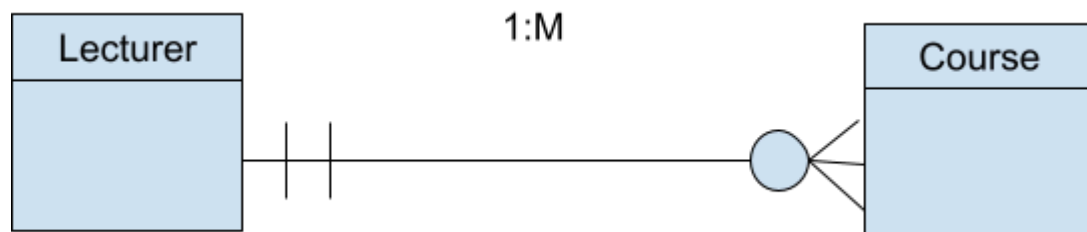
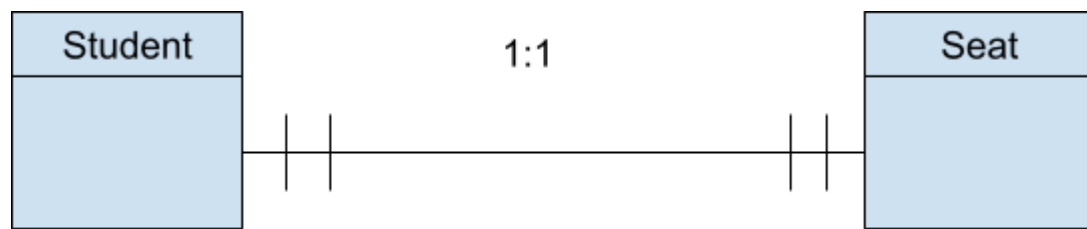


## Crow's Foot Notation



Multiplicity of one Optional





## Bachman Notation



One to one

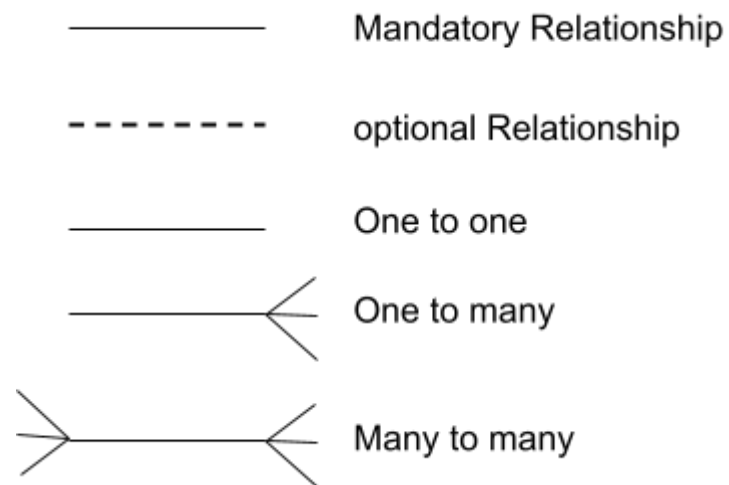


Zero or more to one or more



One to one or more

## Barker's Notation



## Min-Max Notation

