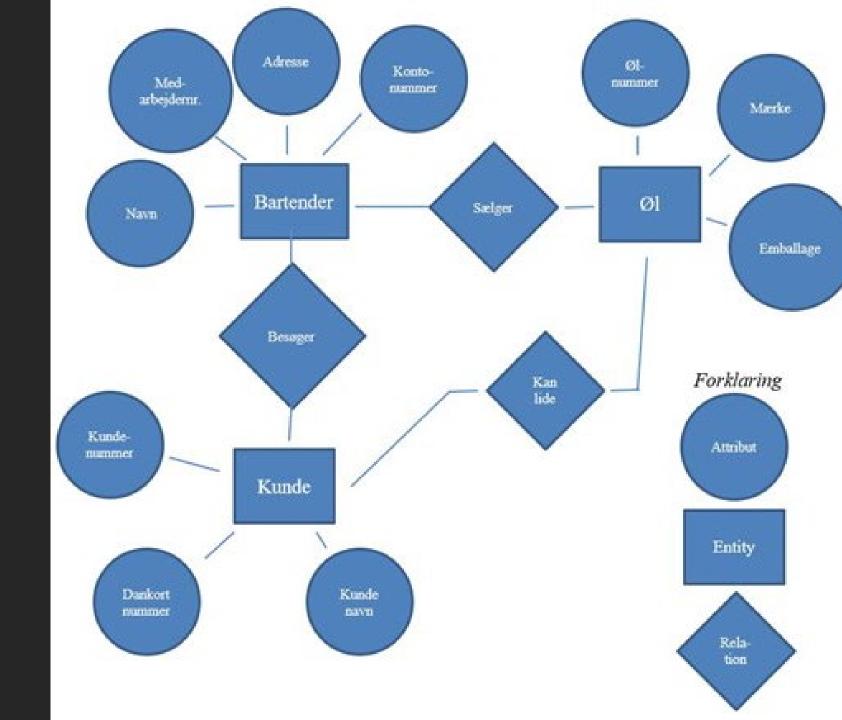


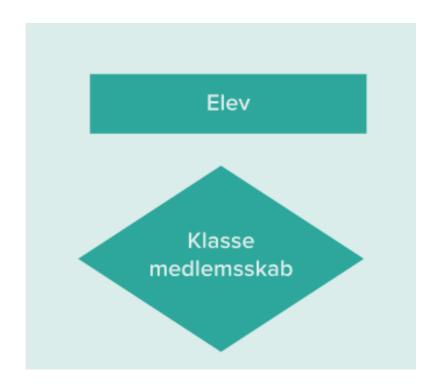
E/R modellen - eksempel

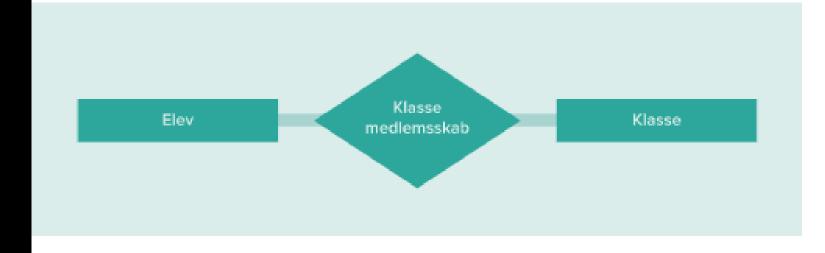


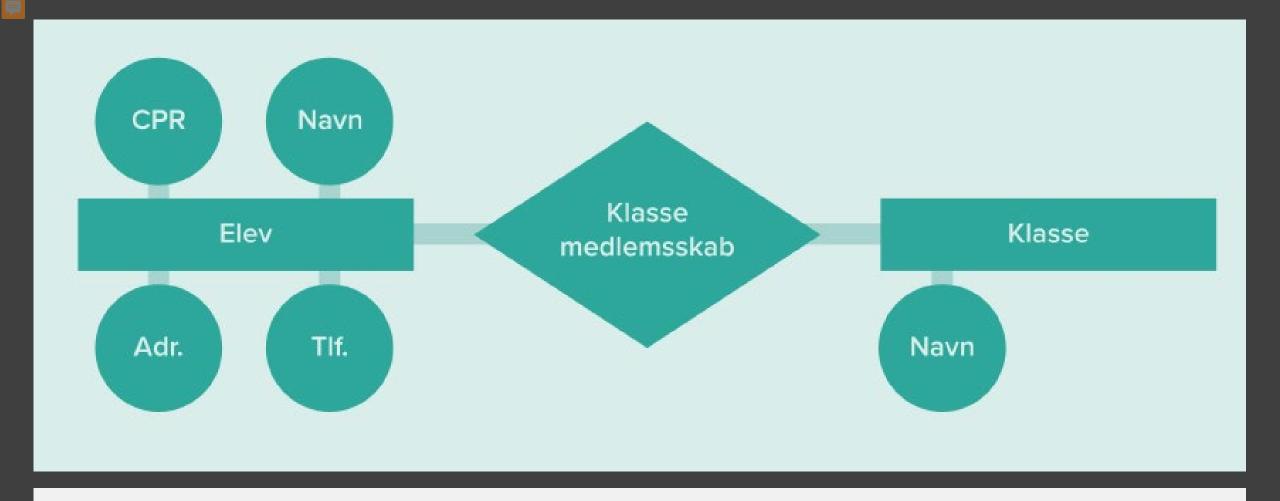
- Elements of <u>ER MODEL</u>
- i. ENTITY
- ii. ATTRIBUTE
- iii. RELATIONSHIP

Entiteter og relationer

- Symbolet for en entitet er en kasse.
- Symbolet for en relation er et parallelogram.



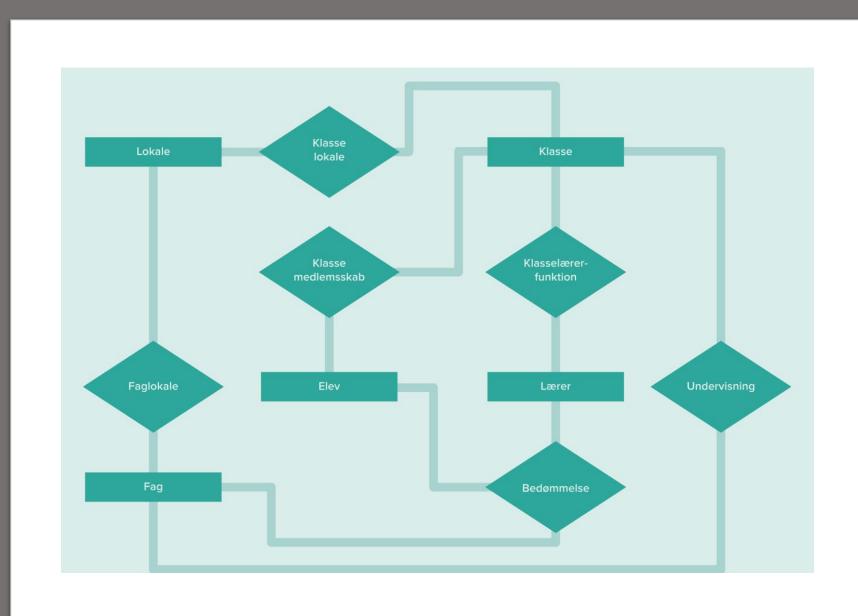




Attribute

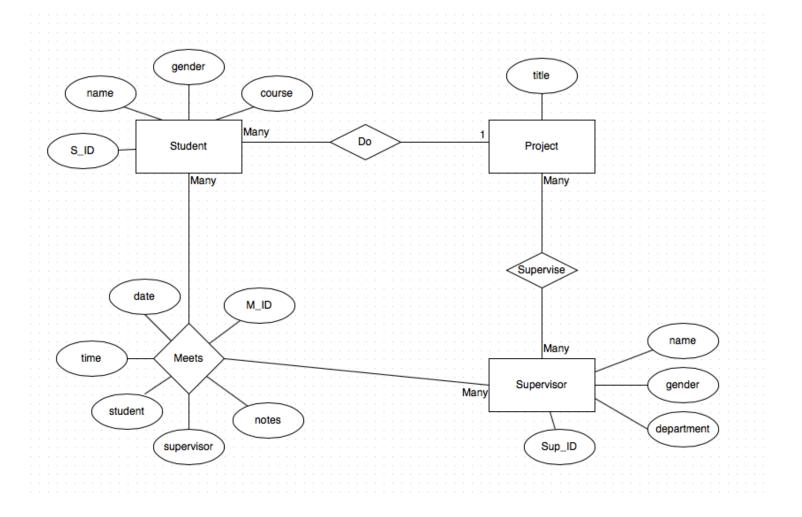
Attributterne kan have en funktion som primær-nøgle, hvilket vises som en understregning af navnet. Diagrammet bliver dog hurtigt meget uoverskueligt, når der medtages mange attributter.





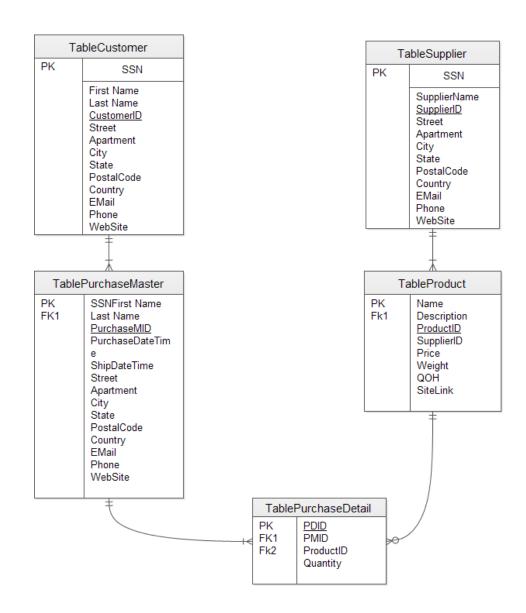
Overblik

ERD: Chen's Model





ERD: Crows Foot Model



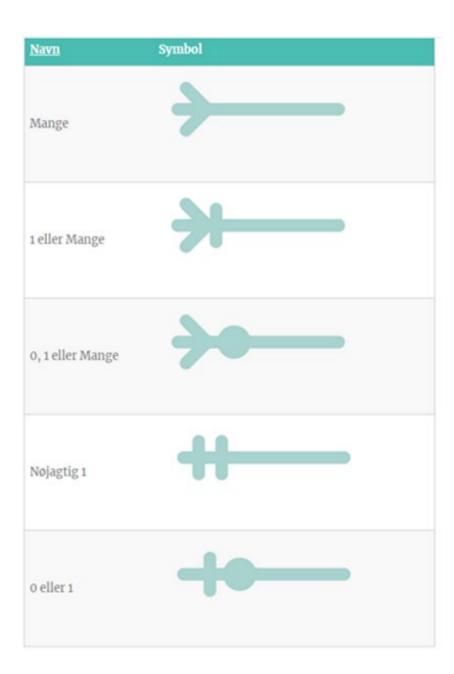
Crows Foot Notation

			many - to - One			
Entity	Entity (with no attributes)		*	M:1		a one through many notation on one side of a relationship and a one and only one on the other
	En tity (with attributes field)		≫——	M:1		a zero through many notation on one side of a relationship and a one and only one on the other
			*	M:1	<u></u>	a one through many notation on one side of a relationship and a zero or one notation on the other
	Entity (attributes field with columns)		>>	M:1	O+	a zero through many notation on one side of a relationship and a zero or one notation on the other
		Many-to-Many				
	Entity (attributes field with columns and variable number of rows)			M:M	○<	a zero through many on both sides of a relationship
		*	M:M	\vdash	a one through many on both sides of a relationship	
Relationships (Cardinality and Modality)			>>>	M:M	 ★	a zero through many on one side and a one through many on the other
→ One or		Zero or More	Many-to-Mar	Many-to-Many		
		One or More	-11	1:1	O+	a one and only one notation on one side of a
		One and only One	11			relationship and a zero or one on the other
+0		Zero or One	- -	1:1		a one and only one notation on both sides

Many - to - One

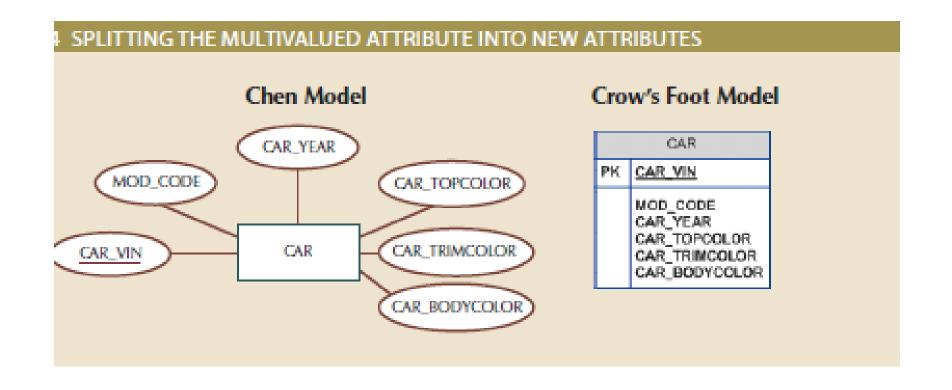


Kardinalitet, alternative notationer



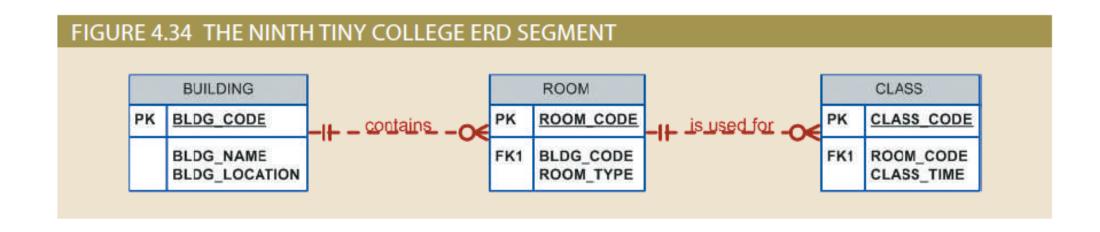


Chen model og Crow foot model

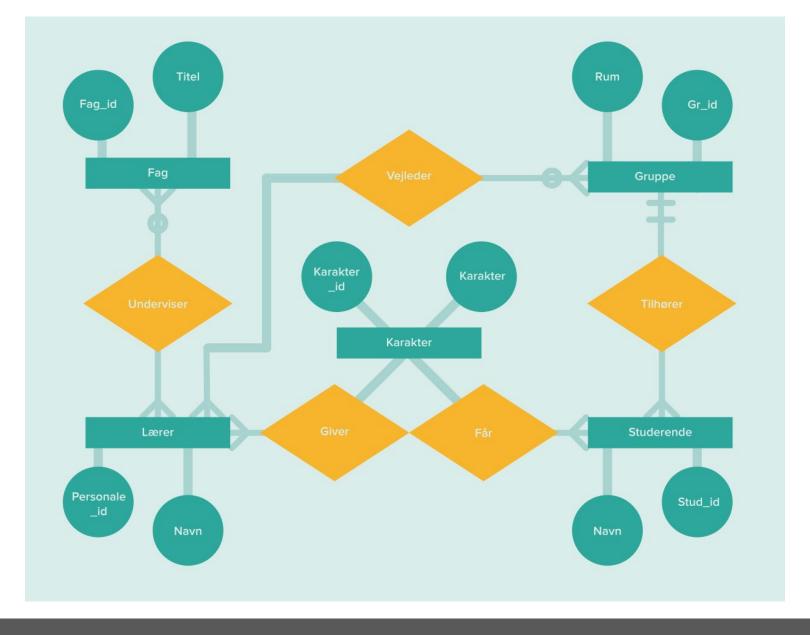




crowfoot



Kan du forklar det? Tegn crow foot

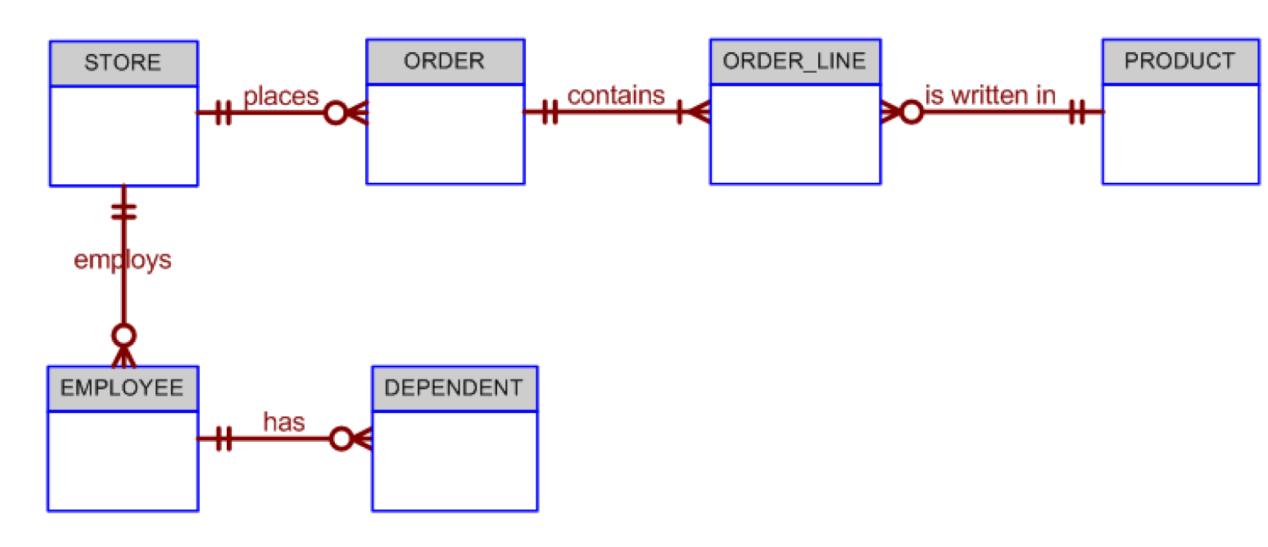


AF ogpave 1

• Kan du lave et E/R-diagram **Crows Foot model** for tabellerne tilknyttet idrætsforeningen (tabellerne Spillere, Hold Trænere og lokal for en idrætsforening)



Af 2



Af 3

Din Note

• Xbi, en tabel af M-F undervisning fag for MMD3