Type of UML

2-class diagram

* NaSeem Aljahti

1- class=Proberties + method + instantation

1- CLASS NAME most have an identical meaning.

2- Properties/attributes

3- Methods / operations



2- Syntax of attributs: * * type of accessibility - 1 + (bablic)

3- SYntax of operation:

(Protected) = (Private)

4- Relationship between classes:

1-Association:

سيشل يخط مستعيم (كل الكيلان تومل لعين) ex:-



4-Inheritances-

suferdass > Lie is sur * مانت م مع هاذا النوع

(Multiplicity) م العدد العربية المراثقة العدد العربية المراثقة العدد العربية المراثقة المراث



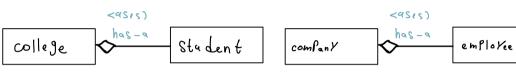
* MaltiPlicit /:-

1	Exactly one	
01	zero or one	
N (example : 8)	N (integer)	
M N (example : 3 7)	From M to N (integer)	
*	From 0 to many	
0*		
1*	From 1 to many	

2-Aggregation:

* Weak relationship

college Jens Student lies &



3-compositions-

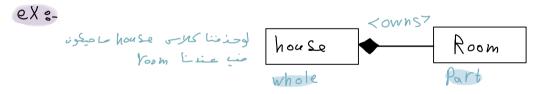
* strong relationship see is well as the second

Aggradion 5 Se

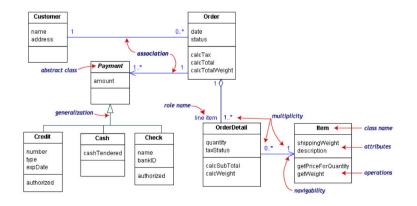
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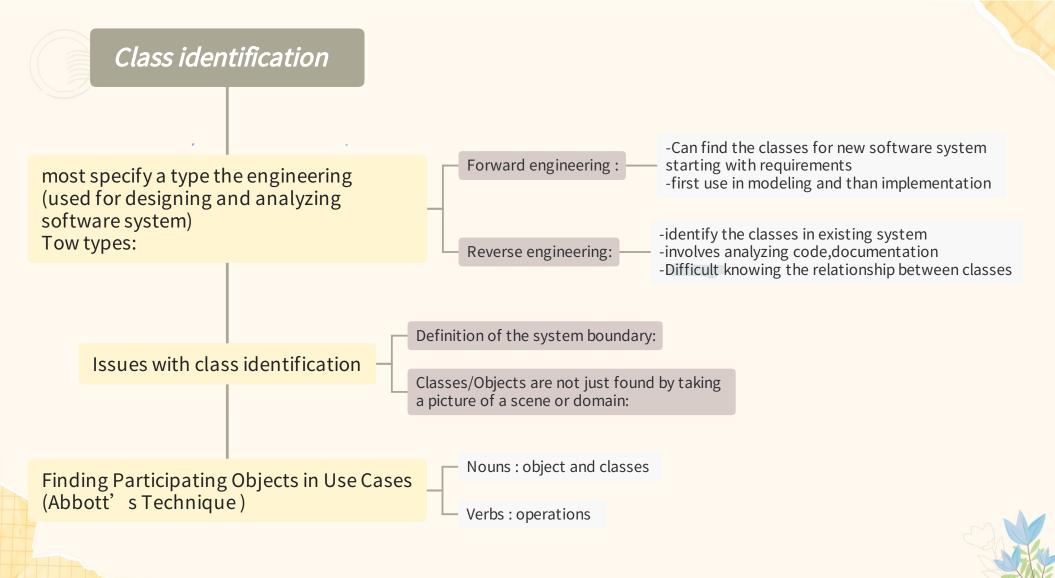
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*exampels :





Class diagram describes the static properties of the system

<u>Uses class diagram:</u>

application domain

— During requirements analysis

developers

During

- -system design-object design
- -implementation

Doesn' t use class diagram

client

— focus more on management

end user

interested in functional

	Analysis model	object Design model
stakholder	-enduser -castomer -analyst	- class specifiers - class extenders - class user - class implementor
The class diagram contains	only Application domain	Application domain as will Solution domain
the basis for comunication	between analyst, Application domain and enduser	between designers and implementors.