S.E A SSICINMENT

Submitted by

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Use case Diagrams

(.)

The most impostered aspect to model a system is to capture its dynamic behavior.

Dynamic behavior impries the behavior of slowwhen it is running.

In UML, those are 5 chingsems available to model the alynamic hature and use case clingsem is one of them. For a dynamic behavior analysis, we need some internal or endernal factors for making intolaction.

internal and erdernal agents called actors, we cases internal and erdernal agents called actors, we cases and their relationships. A single weake diagram and their relationships. A single weake diagram aparticular functionality of a sim. So we need a no, of we case diagrams to illustrate a whole sim.

Aller to the second of the sec

in brief purposes can be cirted as:

to get cen outside view of a system.

influencing the sim.

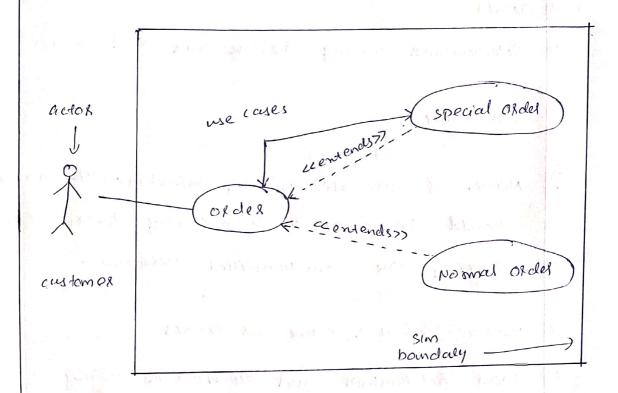
14) To show interaction among the societements are getors.

Mary Principal Room Co

where to use this usercuse diagrams

events of a sim and trieix flows. But not describes how they are implemented, Somewhat are a breick bon where input, outfut and like a breick bon where input, outfut and function is known.

These diagrams are used at a very high level design. This high level design is sefined again and again to get a complete and protical picture of the SIM. A well concertical victure also describes the precondition post condition and enceptions. These entra elements are used to make lest cases when lesting sw.



I use ruse diagreem for order mgt sim.

first analyze the requirements of the slm, then the function alities are couptined in use cases, the second thing is to analyze the nectors in a use case aliaysam. Actors canbe a cutors in a use case aliaysam. Actors canbe a human of internal applications.

When we care planning to draw a use case oliaysam, we should have the following use case oliaysam, we should have the following identified:

- e) Functionalities to be represented.
- b) actols
- c) Relationships amount the use cases and actors.

Vividelines

- a) Name of use case is very impostent. The name should be choosen in such a way to that it can identify the functionalities performed.
- m) crive a Suiterble name for actors
- c) show helationships and dependencies clearly
- d) bon't try to include all type of helationships.
- e) use notes whenever required to clarify Something.

2.) Class Diagrams

This is a steetic diagram, represents

steetic view of an application. It's used for

usualizing, describing and documenting dislopant

aspects of a sim and also for constructing encutable

code of the software application.

class diagram obscribes the actions and also the constraints imposed on the sim. These are the

only clicifians which can be newpood disectly with Object oriented languages.

purpose of class olicipsums

- a) Analysis and design of the steetic view of an
- 10) peresibe Responsibilities of a sim.
- c) Base for component and deployment alicingtums
 d) forward and reverse engineering.

14000 to docume

class diagrams have a lot of properties to consider while downing but here the diagram will be considered from a top level view.

graphical representation of the static view of the system and represents dislosom aspects of the application. A collection of class diagrams he application. A collection of class diagrams

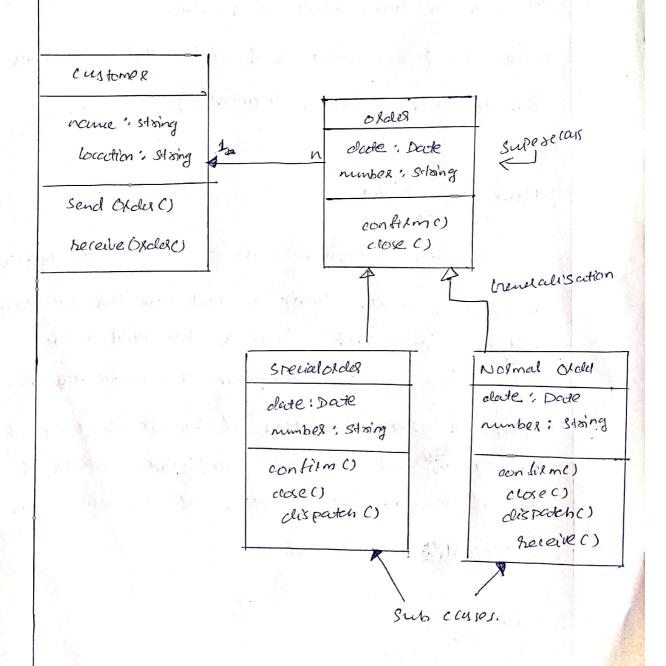
varidlines

Name of class diagram should be meaningful.

should be identified in advance.

s) Responsibility of each class should be specified creaty identified.

Some aspect of the diagram.



This is a chars diadoan by ordering an