page 1 Thursday 9/11/14 classes/ E4187 4156 use cases more detailed functional require ments than user stories - used in addition or instead - constructed by developers, not customers - fextual a for UML how to write a use case 1. Identify who /what will be using the system - actors (not necessarily all stakeholders) D. prch one 3. Identify an objective this user (role) wants to achieve with the system - name with verb or verb + noun - concrete & specific - avoid verbs like "do" & "perform", & nouns like
"data" & "information" 4. deade what should be the normal course of events

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if there B no smale narmal
eourse of events, then might be unintentionally combining multiple use cases 5. describe what the user does most a sequence of steps, timed ordered ordered response to each step that avoid a virus user needs to be aware of a fither, 6 extend with alternate couses The agricults - melude special
who for cases a what can satisfand
steram for commonalities among already defined use cases; 4 can bre mto separate USE Cases 2< melide>> 8. repeat 2-7 example in courseworks house heeper dues landry Smple, medium, heavy weight.

	pase 3
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use case textual descriptions a accompanied by UML use ca	iften se diagrams
UML = Unified Modeling Lane unified concepts from various modeling approaches in m	00 rd 1990s
helps communicate requirement high level & deport Scope - actor outside System - use cases inside	h a+
Use case oval	
actor streh figure of	
system bandan rectangle 1	
	7

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Imes depiet relationships between actors a use cases, a between different use cases

default relationships is communication request information from or involette use case

molude relationship

- use case moluded in two or more
other use cases
dothis

dothis <<melude>>logm Limeludezion dothat

extend relationship exceptional variation or alternative flow (may have own alternative subflows)

dothis do special case

note amow points in other

but student actor does not care about schedules in the database, only work to register for courses trp: donot reference UI elements like pases or buttons tip: avoid architectural details No schedule is sawd in the My SQL database

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