

CECS-491-Software-Engineering-Project-I

Seminar Notes

August 30, 2018



Scenarios Vs. Use Cases:

Scenario:	Use Cases:
Hoag Hospital Sends in a RFP	
Due Date is Sept 14th	
Proof of insurance	
Proof of Ability to work with nuclear medicine	
Must have Cali GC license	
Must have Cali Business license	
Build an MRI Exam Room	

Scenario:	Use Cases:
Walmart sends in RFP	
Due Date Oct 7th	
Build a Warehouse	
Proof of Cali GC License	
Proof of EOE practice	
Proof of CA Business License	

Scenarios = Items to be done (Gathering Requirements)

- Also they are binding of Use Cases
 - ALL SCENARIOS become ONE USE CASE for “receiving RFP”
- Don’t need to know why (not within your DOMAIN)

- Where most system fails is not understanding system requirements
 - 1 to 2 years preferred time to study
 - “Scenario” is a good way to approach a system requirements

Use Cases:

Formatting

Name:

Actors:

PreCondition: (What is true?)

- IE: Company Exists

FoC Flow of Control: (NO ERROR STUFF IN FoC)

Actor

VS

System

1. User presses log on button
2. Display UI for name & pwd
3. User enters name
4. User enters pwd

Post Conditions: (After FoC, what changes?)

- Assuming everything works, what is changed in our system

Error Conditions: (Problem occurring in FoC)

- We don't ignore the error, we just put it in error block

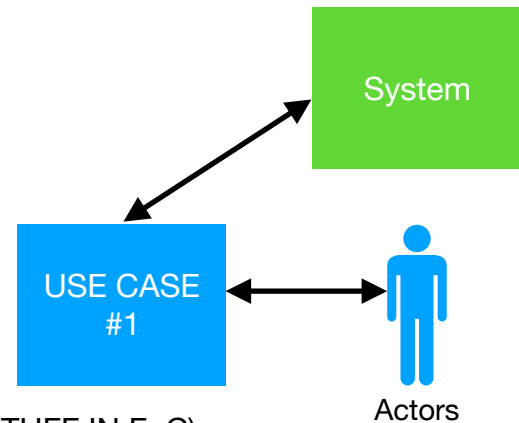
IE: User enter wrong password, ask to try again

Quality/Non-Function Requirements: (Adverb of FoC)

- Additional Attributes that needs to be true (not PreCondition) for Functionalities

IE: A network guy making sure when user presses button, it goes to server and back in 3 seconds

- This typically dictates the Use-Case functionalities



Thursday, August 30, 2018

September 4, 2018

September 6, 2018