California State University Fullerton

CPSC 462



1. Update the Annex number (1, 2, 3, …) and rename the file to match
2. Delete this bubble

Object Oriented Software Design

Use Case Model – Annex X

for the

1. Replace this logo with the one you create
2. Delete this bubble
3. Update placeholder with your project’s title being careful not to delete the (potentially hidden) bookmark. If you did it right, the document’s footer will be updated too
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1. Update placeholder with your fully dressed UC’s title being careful not to delete the (potentially hidden) bookmark. If you did it right, the document’s header will be updated too
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<Your Project Title here>

System

<UC Title here>

Fully Dressed Use Case

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| --- | --- | --- | --- | --- |
| **<Student Name 1 here>** | **<Student Name 2 here>** | **<Student Name 3 here>** | **<Student Name 4 here>** | **<Student Name 5 here>** |
| <Title / Roll within project> | <Title / Roll within project > | <Title / Roll within project > | <Title / Roll within project> | <Title / Roll within project> |
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Revision History:

| Version | Date | Summary of Changes | Author |
| --- | --- | --- | --- |
| 1.0 | <date of release> | * Initial Release | <Name 1>  <Name 2>  … |
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# Use Case Description

NOTE TO STUDENTS:

1. See Larman Chapter 6 in entirety, especially §6.7 Notation, §6.8 Fully Dressed Style
2. Yes, this Use-Case must appear in your Brief Use-Case document and in the Use-Case Diagram within that document.
3. The text inside the angle brackets (including the angle brackets) are hints and direction and is for you to replace. Remove/replace all such text before delivery. Ellipses (the three dots) must also be replaced with your text before delivery.
4. Delete this NOTE and all angle brackets before you deliver

## Use Case Title

<UC Title here>

## Scope

< Pick one: “System” | the name of your System>

## Category

< Pick one: Architecturally Significant | Highest Business Value | Greatest Risk>

### Risks addressed

1. <reference to Risk Registry ID and Title>

## Level

< Pick one: User-Goal | Subfunction>

## Primary Actor(s)

* …

## Stakeholders and Interests

NOTE TO STUDENTS:

1. Cross walk this with your Vision and Business Case document. All of, and only the stakeholders listed in Vision and Business Case document appear in the following subparagraphs. There should be a 1-to-1 mapping
2. Delete this NOTE before you deliver

### <Stakeholder 1>

<Stake in this use case>

### <Stakeholder 2>

<Stake in this use case>

## Preconditions (Entrance Criteria)

< What must be true on start, *and* worth telling the reader? Don’t tell me the system is on. Don’t tell me the user is logged into the system (that is always the first step, not a precondition.) Tell me the state of the system before the scenario starts in present tense. “State” is a snapshot of data values. Be specific. Say something like: An account with Account Number=“753X”, Name=“Tim Traveler”, and Balance=“$0.00” exists. >

## Success Guarantee (Exit State)

< State of the system after the scenario ends in past tense. “State” is a snapshot of data values. Be specific. “A window appears” or “email sent” are examples of what NOT to provide. Say something like: A entry with Room=113, Name=“Tim Traveler”, and Account Number= “134YZ” has been written to the log file. This section represents your test’s expected values >

## Main Success Scenario

1. <the actor requests … the system responds with …>
2. <the actor requests … the system responds with …>
3. …

## Extensions (Alternate paths)

<step #> <condition triggering alternate path>

<step #a>. <request / response step a>

<step #b>. <request / response step b>

…

## Special Requirements

…

## Technology and Data Variations List

…

## Frequency of Occurrence

<number of occurrences per some time period (DO NOT say “nearly continuous” or “about …”, for example. Need a single number representing worst case. Say something like “100 per hour”)>

## Miscellaneous

…

# System Sequence Diagrams

NOTE TO STUDENTS:

1. See Larman Chapter 10 in entirety
2. Delete this NOTE before you deliver

## <Scenario 1 Title>

### Scenario Description

…

### System Sequence Diagram

…

## <Scenario 2 Title>

### Scenario Description

…

### System Sequence Diagram

…