

SIT725 Software Engineering
Week-4



Tasks of Week-4:

You need to use case tool for this week (4) tasks. You can use Enterprise architect or Microsoft Visio.

This week's practical tasks are related to weekly lectures. Please read the lecture slides before you start working on these tasks.

Instructions:

After completion of Task (1), show your tutor and get comments.

1. From each use case diagram of your epic, prepare an activity diagram. The activity diagram will show major interactions of the users with the web application.

Please refer to the week-3 lecture sides (23rd slide) for level of use cases.

For product backlog in grooming stage or envisioning stage, you need white/kite/Blue level use cases. These does not have much detail.

An example activity diagram has been uploaded in the week-4 folder to

explain the different symbols used in activity diagram. You may require different types of actions to show the user interactions for your epics.

This diagram is an example and may have too detail required at the design stage, you may not need that much detail for analysis stage.

Task-2, 3 and 4 is part of your assignment. Work on it as part of your assignment work and submit at the time of assignment submission. Please read marking guideline for assignment. There are more items to complete as mentioned in assignment marking guideline and main assignment document.

2. Choose one use case from each use case diagram of each epic, write the use case description of this use case.

An example use case description has been uploaded

3. Prepare the detail activity diagram from one of the use case descriptions of task-3.
4. Prepare the user hierarchy diagram for your proposed services and include users of existing services also.

An example of user hierarchy diagram is presented in week-3 lecture slides.

Video demonstration on EA:

First time use:

<http://www.sparxsystems.com.au/resources/demos/gettingstarted/firstrun.h>

[tml](#)

[http://www.sparxsystems.com.au/resources/demos/eatalkthrough/EA Talk Througha.htm](http://www.sparxsystems.com.au/resources/demos/eatalkthrough/EA_Talk_Througha.htm)

Create a new model:

<http://www.sparxsystems.com.au/resources/demos/gettingstarted/createmo del.html>

<http://www.sparxsystems.com.au/resources/demos/gettingstarted/createdia gram.html>

All demonstration video:

<http://www.sparxsystems.com.au/resources/demos/>