

Tut_08

1) What is a use case?

A use case is a methodology used in system analysis to identify, clarify and organise system requirements.

The use case is made up of a set of possible sequences of interactions between systems and users in a particular environment and related to a particular goal.

2) Define the steps of use case methodology.

Step 1: Identify all system users and create a profile for each one

Step 2: Select one user and define their goal

Step 3: Describe the course taken through the system to reach that goal

Step 4: Consider every alternate course of events and extend use case

Step 5: Identify all commonalities in user journeys to create a common course use case.

Step 6: Repeat steps 2-5 for all other system users.

No. _____ Date: ____/____/____

3) Define the context of the basic use case description template.

Use case name

Brief description

Actors

Basic flow

Alternate flows

Pre-conditions

Post-conditions

Other stakeholders

System / sub-system

Functional requirements

4) Write a use case for the following example.

User requirements :-

As a user, I want to register on an online shopping website to buy game accessories.

- User case name : Register, search

- Brief description : Register, to check ~~see~~ the item price and order.

- Actors : Admin, Customer, Seller

- Basic flow :

- Input name, password, other information clicks the register button

- Input item name and search.

- Alternative flow :

- Login with microsoft

- Recovery password / email

- Filter item and search.

- Pre-conditions : Must have logged in and have an account in the site

- Post-conditions : All the items with their searched name will show up in the page