**Discussion Question: Use/Abuse Cases**

Find a partner or partners within the course to complete this exercise. Groups of two or three are acceptable. In the Module 2 Reading area you'll find a use case diagram. Basically it depicts a user logging into a system, creating records, updating records, deleting records, printing records, and logging out of the system. Your group needs to find possible abuse cases for each legitimate activity. You might want to make a list first, then create your own diagram, using Word or Powerpoint. The person icon can be found under Insert -> Icon in the toolbar.

Once you've perfected your diagram, label with each team member's name. Have one person from your group post the diagram to the discussion forum for this module.

In your responses to other students, provide an opinion as what was posted. Are there additional abuse cases that could be added? Are there any abuse cases that don't quite belong?

***Before you submit your thread, put your name in the subject line.***

**Assignment Requirements and Grading:**

1. An initial post of approximately 250 words is due by **Thursday, 11:59 p.m. CT**.
2. For the initial post to be considered substantive, it should be at least 250 words in length and fully cover the topics being presented. Single sentence definitions or responses will not be awarded points.
3. Submit your post by clicking on the **Assignment Link** above, then **Create Thread**. You must create a thread in order to view your peers' posts. Tip: Create your post in a Word document and then copy and paste your work into the thread.
4. A minimum of three (3) responses, **to the original threads of other students**, of 100-200 words each are due by **Sunday, 11:59 p.m., CT**.
5. To view the rubric grading criteria, click on the following link: [Discussion Board Grading Rubric](https://content.bellevue.edu/cst/csd/rubricdbv3.pdf)

**(50 points)**

Replies:

Samir, you did a nice job on your diagram! All the possible abuse cases felt relevant to the user’s actions. Although you only posted one option for each, I think you did great knowing you worked alone. I'm sorry to hear that you can be shy in group assignments! To second what Arely said, I think joining the cohort discord is beneficial! Aside from aiding in finding partners for future assignments, it is also handy to have if you struggle at any time in the term because someone is usually willing to help if you feel lost! It may also give you an extra heads-up on when to expect group projects because you will see new messages if you turn notifications on.

Hey, Nardos and Megan! You did a nice job on your diagram and presenting multiple abuse cases for each provided event. The included cases are relevant and applicable to what we are discussing. Some additional cases for login to applications are users logging on to multiple platforms, resulting in conflicting requests. The attacker repeatedly attempts to log in using different username and password combinations. Another example is an attacker tricking a user into providing their login information, such as with a phone call pretending to be a representative from an authorized vendor or phishing attempts. When attackers create a record, they could also produce excessive amounts that a system cannot manage.

Hi Brett and Lea! I really enjoyed your diagram! It was easy to follow and presented multiple cases for each user action. I like how you presented four possible abuse cases for each use case in the diagram since it gives an even cleaner look to your diagram. Another example of an abuse case for updating records is the attacker modifying timestamps or logging on to hide malicious activity. An additional example is a user updating records to gain further permissions like administrative control. Some updates of records might have good intentions, like trying to append the right data, but if a user is not careful, then it comes under the wrong record.