

Use Case Notes

Use case diagrams in general -

A use case diagram is referred to as a behavior diagram or a structure diagram as they describe a set of actions that some system or systems should or can perform in collaboration with one or more external users. Use case diagrams consist of three key components being use cases, actors, and associations. Use cases describe the set of actions that some system should or can perform. Actors are the external users of the system that collaborate with the system. Associations (relationships) restrict how use cases and actors relate to each other. A use case diagram is beneficial as it simplifies user and system interaction into a visual model that can help identify any internal or external factors that may influence the system which will improve design overall.

Additional Info found here - <https://www.uml-diagrams.org/use-case-diagrams.html>

Process I took to create my diagram -

I initially attempted to use StarUML to create my use case diagram but noticed it was designed for class diagrams. I then used my professor's resources to find out that draw.io integrates with Jira and is simply better for designing use case diagrams. With the provided direct link <https://draw.io-app.com/uml-use-case-diagrams-with-draw-io/>, I was able to directly integrate draw.io by clicking the product label and starting a free trial with draw.io and clicking try it free until I was prompted to enter my Atlassian login info. Once draw.io was added I was able to use draw.io within any page/blog in confluence by using /draw.io Diagram to begin designing my use case diagram using actors, use cases, and associations.

Additional resources found here - <https://sites.google.com/site/profvanselow/swebok/software-requirements-ch-1/4-5-analysis-and-specification/use-case-diagram>