

Use Case Notes

The Benefits of Use Case Diagrams:

Use-case diagrams describe the high-level functions and scope of a system. These diagrams also identify the interactions between the system and its actors. The use cases and actors in use-case diagrams describe what the system does and how the actors use it, but not how the system operates internally. Use cases add value because they help explain how the system should behave and in the process, they also help brainstorm what could go wrong. They provide a list of goals and this list can be used to establish the cost and complexity of the system. Project managers need to know about use cases because they help communicate strategy to stakeholders and bridge the gap between business justification and technical requirements. Depending on the intended audience and system under discussion, the use case can be as detailed or as basic as needed. A use case document should establish and identify a few key components such as System, Actors, Scenarios, and Use Cases.

The Process of Creating a Use Case Diagram:

When working on this Use Case Diagram I went to the past notes and elicitions I made, more specifically in my requirements elicitation I found a lot of the functions that I would need out of the software and who would be completing them. When I broke down the actors of management and employees I realized that there needs to be a separate UI for managers to manipulate certain things as reflected in the user stories so that aided in my definition of the actors. The Use Cases I designed helped me structure the system, and this Use Case diagram will help me later on when I start designing my wireframe. The software I used was [Draw.io](#) which is a great web-based software tool to do any sort of UML diagramming. When using the software I started with some rectangles and ovals and defined my actors outside of the rectangle. Defining my actors gave me a good perspective to fill out the rest of the diagram. Below shows the layout of [Draw.io](#) as software, and in the bottom left you can see that there are many tabs and even one specifically for UML. I have also used this software when making UML class diagrams.

Software: [Draw.io](#)

