Team Assignment - Write Up

ICT 4305: Object Oriented Methods and Programming

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Write Up

Developing a use case for vendor interaction and management highlighted the value of this process and technique in structuring software requirements. Companies should most definitely invest in use cases because they provide clarity about user needs and further create a shared reference point between both business stakeholders and developers. Without them, development teams risk building features that miss the intended purpose for the audience that needs these features. This could require costly rework and more time developing the product. While some organizations may skip use cases to save time, this exercise proved long term benefits including clearer communication about the software, reduced ambiguity about the purpose, and strong alignment with real life scenarios and workflows. Through this exercise we found that the time it takes to create use cases definitely is worth the initial investment to not have to backtrack later on.

The easy part of this activity was identifying the key interactions, since vendor management is a process most people can imagine: adding contact details, writing notes, and setting reminders. The challenging part was deciding the level of detail to include without drifting into design decisions, like how the reminders would be displayed or which fields belong in a vendor profile. This balance required us to stay focused on behavior and process rather than things like interface design.

The most helpful strategy was stepping into the shopkeeper's perspective and asking, "What tasks do they perform daily, and how could the system make these tasks easier?" This mindset kept our group grounded in realistic scenarios and guided the interactions that we

defined. Another effective strategy was using object-oriented thinking, which allowed us to

break down the actors, responsibilities, and flows systematically. Together, these strategies

allowed our team to make the task manageable and ensure that our use case stayed relevant

and practical for the scenario at hand.

References

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