

M3 Reflections - Study Wimme

If you used AI technologies, you must answer the following questions in 1-2 sentences each:

- Which technologies did you use?
 - Claude, deepseek, copilot and chatgpt were used for our assignment
- What was your goal in using these technologies?
 - The primary goal of using AI was to double check our understanding of topics, especially regarding UML and give us feedback regarding potential ideas and improvements that could be made to our app design. Additionally, because our design was initially written on a google doc, generative AI was used to transfer the document information to markdown, following the template given in the assignment.
- How adequate was the technology for your goal? Provide both positive and negative experiences.
 - Overall, the technology was only somewhat adequate in helping us achieve our goal as while it gave us some good feedback points regarding our overall design such as additional failure cases with our scenarios, the document transfer to markdown was not very effective and we ended up doing much of the work ourselves. Moreover, when we asked the AI to give some examples and clarifications on the diagram types that we saw in class, the information it generated was quite different from the convention that we saw in class, leading to confusion.
- How much did you rely on the technology (0 – 100%)? Please quantify the fraction of your code that was either generated with or created with the assistance of AI technology.
 - We were only ~15-20% reliant on AI technology. While it gave us some good pointers regarding the design, the information generated regarding UML and the transfer of the document to markdown was not very good. The vast majority of the document content was ideated/written ourselves.

In both cases, you must answer the following questions in 1-2 sentences each:

- What are the advantages of using AI technologies for this task?
 - AI was helpful in generating feedback/ideas regarding our design.
- What are the disadvantages of using AI technologies for this task?
 - AI often gave inaccurate/non relevant information regarding the UML diagrams, especially when generating examples.
- Is there anything else you would like to share about this process?
 - We were surprised to see AI struggle with generating diagrams in UML. There was variation between the generated diagrams and what was covered in class and we believe this might be due to varying conventions used throughout the world.
- How much time, in hours, did all team members combined spend working on this assignment?
 - Each member spent around ~20 hours working on this assignment, making our total time spent ~80 hours combined across 4 people.