

REFLECTION

- Group W

Topics that helped or might have helped the software development:

- (1) Naming convention (Implementation Slide 35, Lecture 6):

Although a small topic, following the uniform naming convention assisted in avoiding future understanding problems of our own code. Initially, in our implementation project of E-commerce software, the class names' first letter was small and rest was uppercase while for method, improper lead to us being confused when we looked at our code after a period of time. Thus, following the proper naming convention helped in our case for readability and maintainability.

- (2) Unified Modeling Language (Slide 70, Requirements Documentation & Modeling 1):

Using Unified Modeling Language (UML) was important in understanding and communicating the system design effectively. The lecture on UML diagrams helped us visualize the architecture and interactions within our system, making it easier to plan and implement the software components. We were able to find key components and their interactions in the early software development process.

Missing aspects in the lecture:

- (1) Designing of the software:

While designing a small scale software, designing of the software would not have much importance. However, the knowledge of it can simply help us create user friendly interfaces. Not only the functional software is delivered, it can help improve the user experience. Thus, we think the design aspect of the application would broaden our skillset if it was included in the lecture.

- (2) Techniques for reading and understanding codes from other teams:

During software development, collaboration is essential. However, we had difficulty sometimes in understanding others codes as most of us have little experience in this sector. Also, when handed others codes, there were sometimes missing of the comments and difference in coding style. Thus a lecture about reading, understanding and integrating code

on the already worked project would help in collaboration and minimize integration problems.