

Unit 1 – Reflection:

I started this journey, Unit 1, late because I took advantage of the break between the OOP Module and the beginning of SSD to travel with the family since my daughters were also on vacation. We needed to visit relatives in Portugal. Five days after starting this module late, I eagerly began structuring my study plan and reviewing the first seminar.

Since I started late and realised that our tutor had already structured the study groups, I believe our group to be very influential in terms of communication and interactivity because right from the start, my colleague Adesola, full of initiative, contacted me and created a WhatsApp group, and to which she established our Team Contract, together with another of our colleague Sebastien.

In terms of this unit's study content, the beginning addressed the limitations of traditional software development methodologies, such as the waterfall and agile models. I have done an introductory course on Agile in the past. I recognise and appreciate the Agile approach and its adaptability and responsiveness, which resonate well with the dynamic nature of security issues. Understanding the implications of these approaches for secure software development piques my curiosity.

Another subject that took centre stage in the first week was UML, a visual language for modeling software systems. As in the previous module, I had some difficulty in structuring my diagrams; I am excited that, in this module, I have a study group that will allow me to clarify doubts and learn more where I have difficulties.

After a week of reading and researching to respond to the requirements of this unit, I realised that the objectives of this unit go beyond theoretical understanding. I identified academic resources that discuss agile methodologies in the context of secure software

development. The ability to break down complex activities into a flowchart using UML techniques is a hands-on skill I look forward to acquiring.

The collaborative discussions offer an exciting perspective to engage my colleagues and elevate our understanding. These interactions promote academic integrity and provide a richer, more comprehensive learning experience.

I'm excited about getting started with secure software development. The journey ahead promises to be both intellectually stimulating and practically enriching. I am prepared to embrace future challenges and opportunities, armed with the knowledge that secure software development is not just a technical endeavour but a multidimensional pursuit that requires a synthesis of methodologies and tools and a deep commitment to promoting a culture of awareness about security.