

## Module 10 Assignment

### Part 1:

Iterative (version) means that the product is developed in cycles. Each cycle contains different phases which can broadly be put into three categories: planning, execution, and review. The feedback that is received from each of the iterations/cycles forms a basis for the requirements for the next iteration of the product.

Incremental means that the product is developed in a series of small steps. Each of the steps build on the previous steps or increments to eventually move towards the product goal. Each increment is also something that provides value to the users of the product. That means that each increment is a complete and usable state of the product.

This sentence means that each product is developed in cycles that have distinct phases and each of these cycles produces a complete product that provides value to the user.

### Part 2:

At the conclusion of each sprint, a product is delivered that is complete and usable. This product is usually an increment of the product that was completed in the previous sprint. The sprint is “timeboxed” means that each sprint is contained in a set period of time, usually 2-4 weeks.

### Part 3:

Agile methodology is a principle of developing software in an iterative manner, with a lot of user interaction and feedback, and the ability to be flexible to change in a short amount of time.

Scrum is a framework for software development that follows the principles of agile in the following ways:

- Small and self-organized teams.
- Daily stand-up meetings.
- Short sprints for changes in the product.
- Working product at the end of each sprint.

This way Scrum delivers on the promise of the agile methodology principles of providing “flexibility of an iterative approach while ensuring a quality product.” – (Glossary, ACIT2831, Agile Methodology – Trevor Lord, 2022)