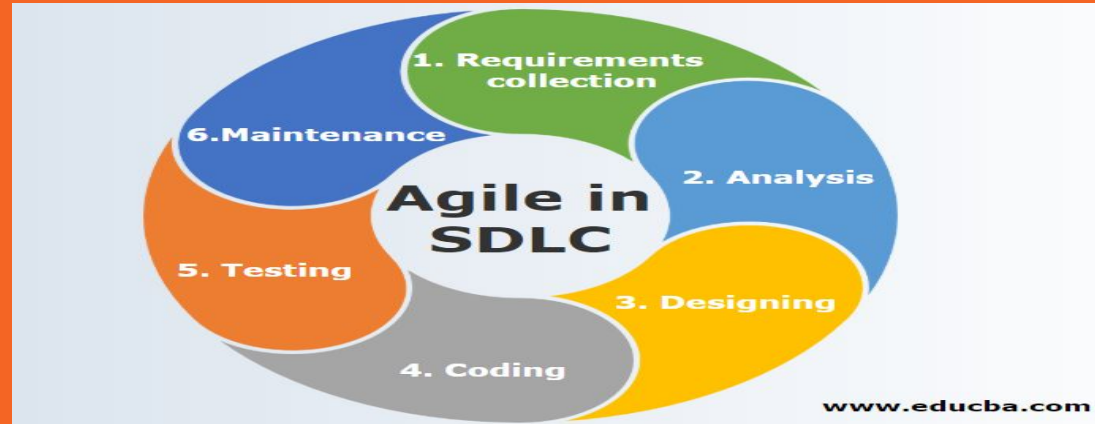# Agile Presentation

An Overview of the Agile approach to SDLC
Created by Shanine Efferson

What is a Scrum-agile approach

A collaborative approach that involves a scrum team.

Increment development, that allows for work to be completed in short sprints

Ability to test and make changes to the product before it is completed

Quotes for illustration purposes only

Scrum Team

Scrum Master
Establish the scrum team and helps the team understand the scrum theory.
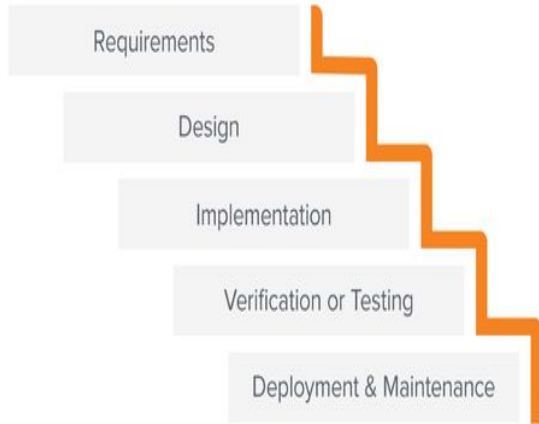**Product Owner**
Maximizing the value of the product, effective backlog management.
Developers
Create usable increments each sprint. Create plans for the sprint and sprint backlog.

Waterfall Approach to SDLC

The Waterfall Method

- Requirements
- Design
- Implementation
- Verification or Testing
- Deployment & Maintenance

The project will be completed in phases, a phase will have to be completed before moving on to the next.

If the finished product is not up to the clients standard or a change is made the process will have to be started over.

Agile versus Waterfall

If there is flexibility, and the project needs to be completed quickly, I would use a more agile approach.

allow the client to keep track of each phase in the process and will be able to review the work before the team can move on to the next phase.

References

➔ Schwaber , K. (n.d.). *The 2020 scrum GUIDETM*. Scrum Guide | Scrum Guides. https://scrumguides.org/scrum-guide.html

➔ Charles G. Cobb. (2015). *The Project Manager's Guide to Mastering Agile : Principles and Practices for an Adaptive Approach*. Wiley.