ASSESSMENT BRIEF

Course: Software Development

Teacher: Fachtna Roe

Component Title & Code: Software Architecture 5N2772 (SOFTARC)

Assessment Technique: Skills demonstration

Assessment Title: Skills Demo 7: What is Waterfall

Weighting: 10%

Issue/review date: 2020-01-13/2020-01-14

Due date: 2020-01-17

Brief: *"Explain development of an information system using a traditional systems development life-cycle model"*
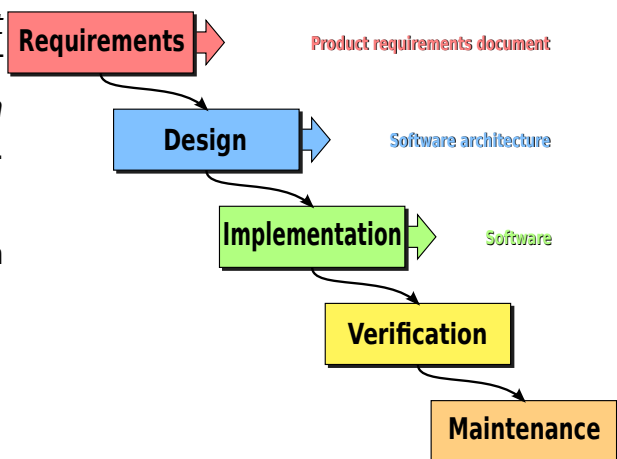
Explainer:

The traditional software development model, described as Waterfall (see diagram), is where software specifications, and the project objectives, are outlined at the start only. Some projects are best suited to this development methodology.

Using your **Communications** *Structured Report* and *Oral Presentation* as the example ICT project, complete a *Requirements* and *Design* phase before moving to Implementation. Implementation is **not** part of this project.

Using your *Structured Report* project as an example:

- Provide a clear statement of objective.

- Define success and failure criteria.

- Enumerate the key decisions to be made

- Outline the key milestones

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- Provide Block Diagrams for any systems in software or hardware.

- Your opinion: would the development process be more, or less, difficult using Agile?