

THE SOFTWARE DEVELOPMENT PROCESS

DEFINITIONS

A software development process is the process of dividing software development work into distinct phases to improve

The software development process is also a general term describing the over-arching process of developing a software product

Design

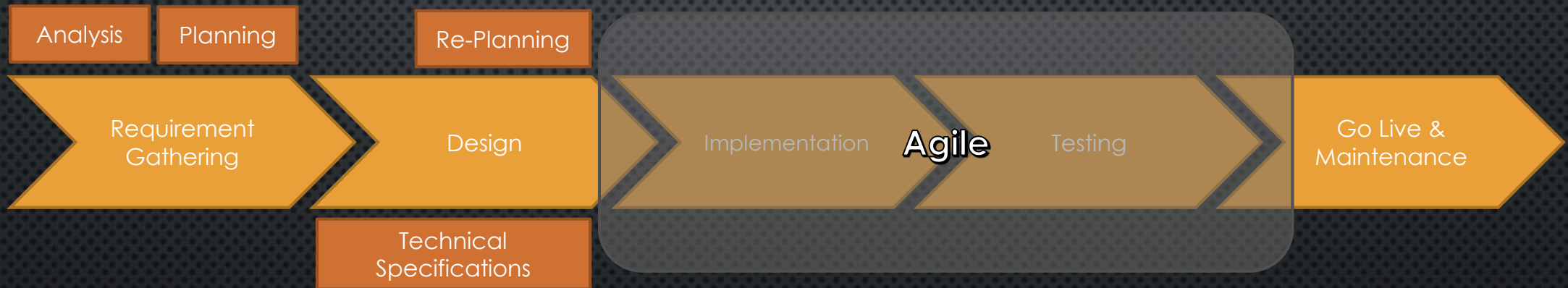
Product Management

Project Management

A software development process
is also known as a **Software
Development Life-Cycle**

PHASES OF A SOFTWARE DEVELOPMENT PROCESS

While there is not standard definition, most development processes include the following activities:



Companies often select a development process that fits their personnel and resources. Several development process methods are in existence, and a growing body of software development standardizing organizations are currently implementing and rating different methods.

METHODOLOGIES

The methodology may include the pre-definition of specific deliverables and artifacts that are created and completed by a project team to develop or maintain an application

The most common methodologies are:

Agile

Most modern development processes can be vaguely described as agile

Waterfall

Prototyping

Iterative and incremental development

Spiral development

Rapid application development

V Model

Some people consider a **life-cycle "model"** a more general term for a category of methodologies and ...
a **software development "process"** a more specific term to refer to a specific process chosen by a specific organization

For example, there are many specific software development processes that fit the spiral life-cycle model.

The field is often considered a subset of the systems development life cycle.