Traditional Predictive SDLC
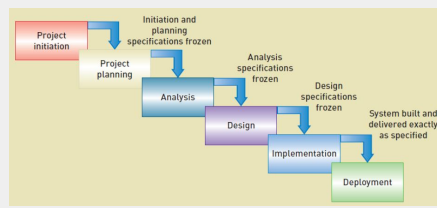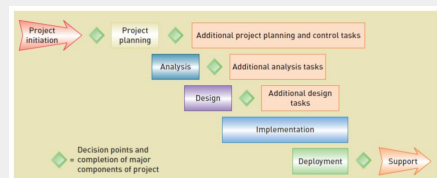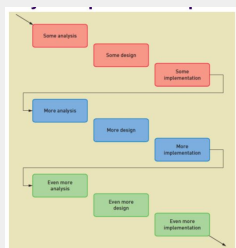

Newer Overlapping Phases Predictive SDLC
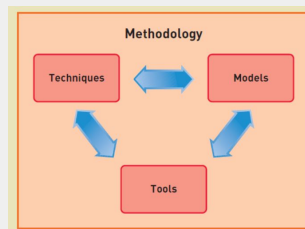

Iterative Model

Support Activities

Maintaining the system: Fix problems/error, Make minor adjustments, Update for changes in operating systems or environments

Enhancing the system: Add desired functionality, Add or change functionality to comply with regulations or legislation

Supporting the users: Ongoing user training, Help desk
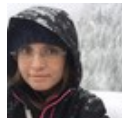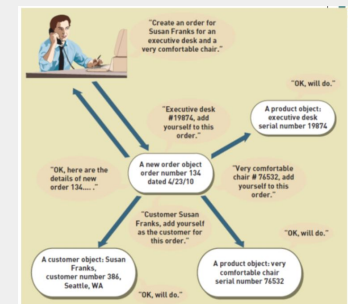
Methodology

Two Approaches

To Software Construction and Modeling:

1. The Structured Approach
Earlier approach. Assumes a system is a collection of processes that interact with data. Structured analysis, design, and programming

2. The Object-Oriented Approach
More recent approach. Assumes a system is a collection of objects that interact to complete tasks. OO analysis, design, and programming

The Object-Oriented Approach

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