

# Approaches to System Development by Natalie Moore (NatalieMoore) via cheatography.com/19119/cs/4241/

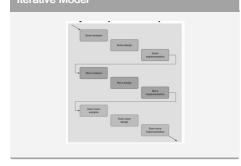
## Traditional Predictive SDLC



# Newer Overlapping Phases Predictive SDLC



## Iterative Model



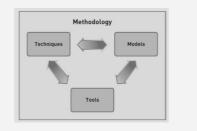
## **Support Activities**

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

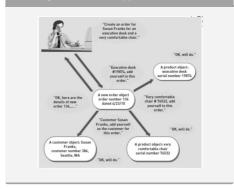
To Software Construction and Modeling:

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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