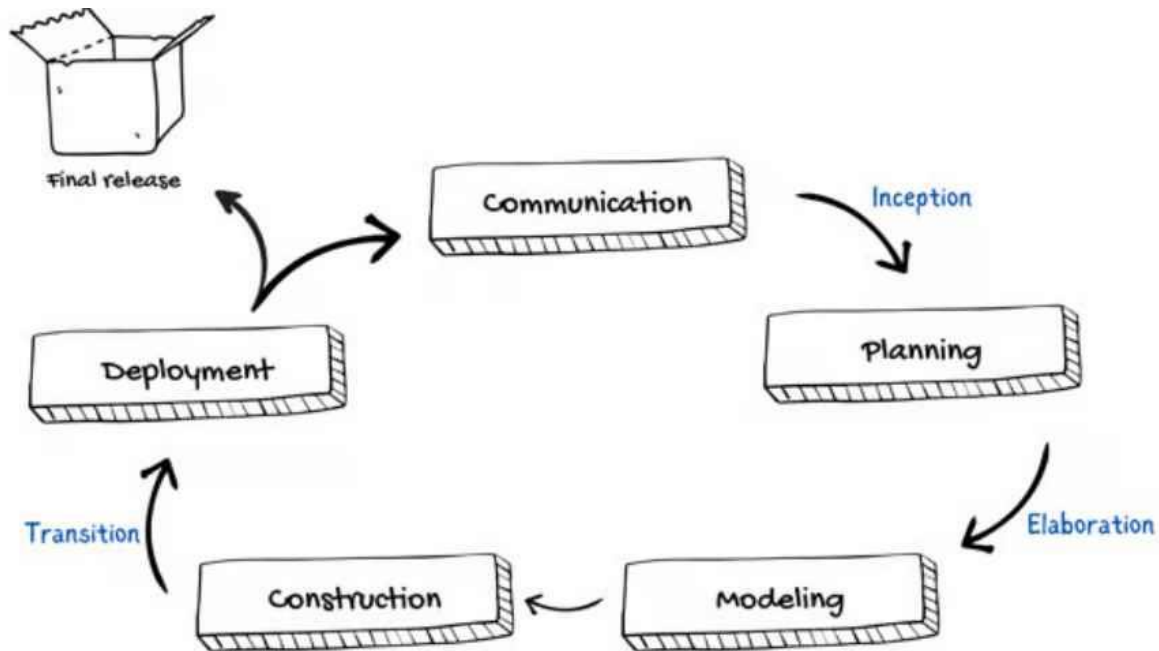


The Unified Process- Agile Development

The Unified Process (UP) is a software development framework used for object-oriented modeling. The framework is also known as Rational Unified Process (RUP) and the Open Unified Process (Open UP). Some of the key features of this process include:

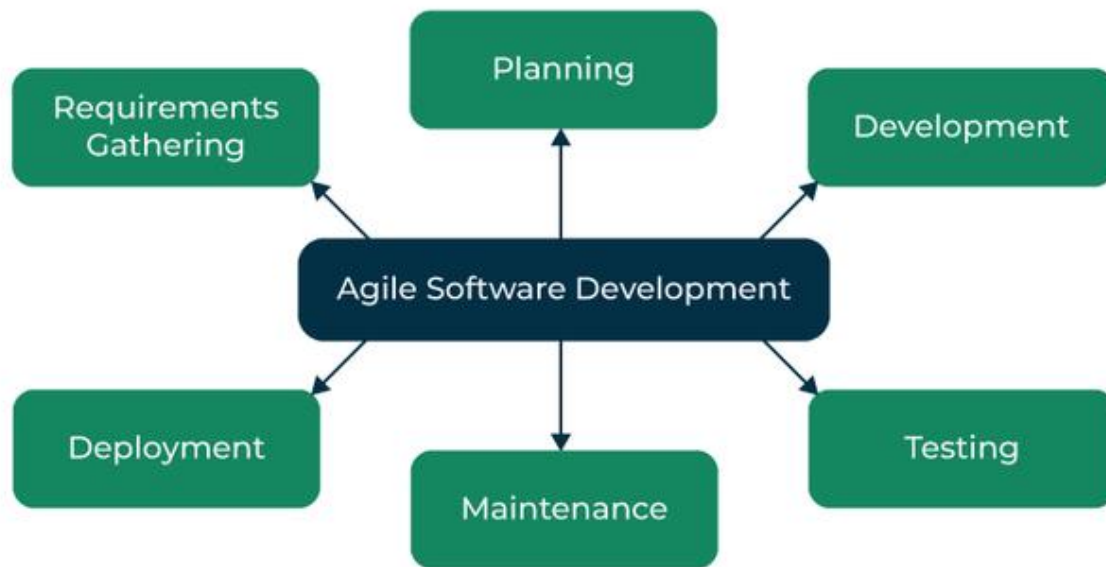
- It defines the order of phases.
- It is component-based, meaning a software system is built as a set of software components. There must be well-defined interfaces between the components for smooth communication.
- It follows an iterative, incremental, architecture-centric, and use-case driven approach



Agile Software Development:

Agile Software Development is a software development methodology that values flexibility, collaboration, and customer satisfaction. It is based on the Agile Manifesto, a set of principles for software development that prioritize individuals and interactions, working software, customer collaboration, and responding to change.

Agile Software Development is an iterative and incremental approach to software development that emphasizes the importance of delivering a working product quickly and frequently. It involves close collaboration between the development team and the customer to ensure that the product meets their needs and expectations.



1. Requirements Gathering: The customer's requirements for the software are gathered and prioritized.
2. Planning: The development team creates a plan for delivering the software, including the features that will be delivered in each iteration.
3. Development: The development team works to build the software, using frequent and rapid iterations.
4. Testing: The software is thoroughly tested to ensure that it meets the customer's requirements and is of high quality.
5. Deployment: The software is deployed and put into use.
6. Maintenance: The software is maintained to ensure that it continues to meet the customer's needs and expectations.