**What is a Software Development Process**?

A software development process is a structure imposed on the development of a software product. There are many models for such process, each describing approaches to a variety of task or activities that place during the process.

**Main activities of software processes**

**Requirement Analysis:**

Knowing the requirements of a desired software product is the first task in creating it.

**Specification:**

The task of specification is describing precisely the software to be written. As well as the intended purpose and environment for the software under development.

**Software architecture:**

Software architecture refers to the high level structures of a software system, a structural element can be a subsystem, a process, a library, a database and so on. Also, in most cases the relationships of the structural elements are referred to as well as the behavior between the elements.

**Implementation:**

Implementation is the process of defining how the information system should be built also ensuring that the information system is operational.

**Testing:**

One of the most important software processes is testing; testing is essential as it makes sure the software can be validated and that the software fulfills the purpose it was intended for.

**Documentation:**

It is important to document the design of the software for the purpose of maintenance and changes.

**Maintenance:**

Maintaining your software is important so that it is able to cope with new requirements. Maintaining software can involve fixing bugs as well as enhancing the system to run smoother.