

# Development of information system -

(a) Requirements gathering & analysis -  
Business requirements are gathered in this phase. The main focus in this phase are: Who is going to use the system?, How will they use the system?, What data should be i/p or o/p into & by the system.

(b) Design -  
In this phase, system design is prepared from the requirement specifications which were studied in last phase. It helps in specifying hardware & software system requirements. It helps to define overall architecture.

(c) Implementation -  
On receiving system design documents, the work is divided into modules/units & actual coding is started. This is longest phase of the development of information system.

(d) Testing -  
After implementation, it is tested against the requirements to make the sure that the product is actually

solving the needs addressed & gathered during the requirement phase.

(e) Deployment -

After successful testing, the product is delivered to customer.

(f) Maintenance -

The process where the care is taken for the delivered product is known as maintenance.

Needs for informat<sup>n</sup> system -

- (i) Protect the functionality of an organisat<sup>n</sup>
- (ii) Enable safe operation of applications
- (iii) Protects the collected data.
- (iv) Safeguards the technology assets.

—X—X—