1. **Requirement and Types of requirements:**

Requirements are nothing but the needs of the client. This is also called as problems faced by client or opportunity for a solution. This basic need will transform into solution through various stages of SDLC and will solve any problems faced by the client and will give a new opportunity to develop business or growth. There are 4 basic types of requirements- Business requirements, Stakeholder requirements, Solution requirements (Functional and Non-functional requirements) and Transition requirements.

1. **Solution Requirements:**

Solution requirements are the characteristics of a solution that meets business and stakeholder requirements. They are developed and defined through requirement analysis. They are classified into 2 categories- Functional and Non-functional requirements. Functional requirements are the capabilities or the features that system will be able to perform to meet the business objectives. Non-functional requirements are the quality or supplementary requirements which describe the environmental conditions under which solution must remain effective.

1. **Business Process Modelling:**

Business Process Modelling is technique to represent the business processes which are collection of activities to generate an output from the input using the resources to meet the goal to provide some value to the customer or end user. Typically, business process modelling will have goal, inputs, outputs, activities, resources and value it brings to the customer.

1. **Reasons for Project Failure:**

Project will be failed due to various reasons as below.

1. Improper requirement gathering- Client and BA are responsible
2. Continuous change in requirements- Client is responsible
3. Lack of user involvement- Client and BA are responsible
4. Lack of executive support- PM & Management are responsible
5. Unrealistic expectations- Client is responsible
6. Improper planning- PM & Management are responsible