

Risk Analysis and Management

Types of Risks



- **Requirement Risk :-**

Rapidly change or unclear Requirement creates the large Risks.

This Risk mostly failed or Delayed the projects.

Competitive forces, business agreements with new partners force the organization and its software systems to change.

- **Technology Risk :-**

It is found that Technology some time unable to fulfill the System Requirement.

Example:- Suppose an organization works on PHP and MSSQL. But a project needs or require features beyond the limitations of PHP and MSSQL which create project to be failed.

- **Business Risk :**

These kinds of risks are basically introduced by business decisions.

For example

- Conflicts with Suppliers
- Not signing Deals on time
- Not fulfilling promises.

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- **Political Risks**

This happens because big or high authority people misuse the

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powers which influence the product.

• Resource Risk :-

- Delay In
- People or Team
 - Money
 - Facilities

Causes Delay in project.

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• Skills Risk :-

Unfamiliar with Technology :-

Team have no complete idea of technology which going to be used on project which automatically affect the product.

• Deployment and Support Risk :-

The project may not be deployed after product is ready since the required product is not in place.

- Support Team Not Ready for training or are over stretched.
- Working closely with other developing Team also a threat to project.

• Integration Risk :-

Most applications need to integrate with other application.

Misscommunication and misunderstandings cause Systems not to share accepted interface and they do not work together as expected.

• Schedule Risk :-

Schedule may contain conflicts components are not available when necessary, the delivery date is happening at an extremely busy time. Communication between all the interested parties

can help reduce this risks.

• Maintenance and Enhancement Risk :-

The project cannot be maintained and enhanced properly because of inadequate documentation.

The support team was not properly trained or technical platform is obsolete.

• Design Risk :-

Bad design decisions have an impact on the system performance or its ability to satisfy the requirements.

• Other Risk :-

This is a catch all for risks that are hard to foresee and predict.

Example

Could be a hurricane or any natural disaster forces to shutting down the organization for a week.

- fire in building
- Development Server Crashing
- Virus Attacks
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