**Risk Management**

* **High-level risks:**
* Inaccurate estimates.
* Scope creep: uncontrolled changes and continuous growth of the scope or scope is ill defined.
* **Project team misunderstands requirements.**
* Manpower shortage.
* Customer will not accept the software as delivered even though it meets all specifications.
* Selected technology is poor matching to the problem or customer.
* Project key success criteria not clearly defined to verify the successful completion of each project phase.
* Projects within the program often need the same resources at the same time.
* Do not have the approval to make it in the city to avoid destroying the public neighborhoods.
* **Possible solutions for risks:**
* Project manager should check the project plan and check all numbers and ratios of all resources, budget and deadline tasks.
* We should make the deadline more flexible, this is done in consideration of any sudden changes in human or equipment resources.
* Making a meeting with the project team frequently to discuss the main deliverables, customer needs and understand them well to avoid any misunderstanding.
* Make an advertisement for employees per project.
* Make sure that all deliverables, constraints, criteria and assumptions are defined at the planning stage.
* Making different plans to be suitable for any changes.
* The advantages of the project are more than disadvantages.
* **To monitor your project you should:**
* Every team manager should make reports for each task has been done already by his team.
* To send all reports frequently to the customer to make sure that the work meet customer’s needs.
* Make check list for all tasks and the project manager make sure of it.