



RMMM



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RMM stands for risk mitigation, monitoring and management. There are three issues in strategy for handling the risk

is Risk Avoidance

Risk Monitoring Risk Management



Risk Mitigation



Risk mitigation means preventing the risk to occur (risk avoidance). Following are the steps to be taken for mitigating the risks.

Communicate with the concerned staff to find of probable risk.

Find out and eliminate all those causes that can create risk before the project starts.

Develop a policy in an organization which will help to continue the project even through same staff leaves the organization.

Everybody in the project team should be acquainted with the current development activity

Maintain the corresponding documents in timely manner

Conduct timely reviews in order to speed up work.

For conducting every critical activity during software development, provide the additional staff if required.



Risk Monitoring



In Risk Monitoring process following thing must be monitored by the project manager.

- The approach and behaviour of the team member as pressure of project varies.
- The degree in which the team performs with the spirit of “Team-Work”. The type of cooperation between the team members.
- The type of problem occur in team member.
- Availability of jobs within and outside of the organization.



he objective of risk mitigation is

To check whether the predicted risk really occur or not.

To ensure the steps defined to avoid the risk are applied properly or not.

To gather the information this can be useful for analyzing the risk.

Risk Management

Project manager performs this task when risk becomes a reality. If project manager is successful in applying the project mitigation effectively then it becomes very much easy to manage the risks.



RMMM PLAN



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It is a part of the software development plan or a separate document

The RMMM plan documents all work executed as a part of risk analysis and used by the project manager as a part of the overall project plan.

The risk mitigation and monitoring starts after the project is started and the documentation of RMMM is completed



RMMM Plan: Template

1. Introduction
 1. Scope and purpose of document
 2. Overview of major risks
 3. Responsibilities
 1. Management
 2. Technical staff
2. Project Risk Table
 1. Description of all risks above cut-off
 2. Factors influencing probability and impact
3. Risk mitigation, monitoring, management
 - n. Risk # n
 - a. Mitigation
 - a. General strategy
 - b. Specific steps to mitigate the risk
 - b. Monitoring
 - a. Factors to be monitored
 - b. Monitoring approach
 - c. Management
 - a. Contingency Plan
 - b. Special Considerations
4. RMMM Plan Iteration schedule
5. Summary.



RISK INFORMATION SHEET



Risk information sheet			
Risk ID: P02-4-32	Date: 5/9/02	Prob: 80%	Impact: high
Description: Only 70 percent of the software components scheduled for reuse will, in fact, be integrated into the application. The remaining functionality will have to be custom developed.			
Refinement/context: Subcondition 1: Certain reusable components were developed by a third party with no knowledge of internal design standards. Subcondition 2: The design standard for component interfaces has not been solidified and may not conform to certain existing reusable components. Subcondition 3: Certain reusable components have been implemented in a language that is not supported on the target environment.			
Mitigation/monitoring: 1. Contact third party to determine conformance with design standards. 2. Press for interface standards completion; consider component structure when deciding on interface protocol. 3. Check to determine number of components in subcondition 3 category; check to determine if language support can be acquired.			
Management/contingency plan/trigger: RE computed to be \$20,200. Allocate this amount within project contingency cost. Develop revised schedule assuming that 18 additional components will have to be custom built; allocate staff accordingly. Trigger: Mitigation steps unproductive as of 7/1/02			
Current status: 5/12/02: Mitigation steps initiated.			
Originator: D. Gagne		Assigned: B. Laster	