Risk Management Plan

Car purchasing application

2023

# Impact Grades

|  |  |  |
| --- | --- | --- |
| Rating | | Interpretation |
| 10 | High | Project Failure. The project is not feasible within the given constraints. |
| 9 | **Over the project's deadline by 50%.** Project goals and constraints are out of sync. Feasibility is at risk. |
| 8 | **Over the project's deadline by 40%.** More than two sprints of additional work. At this scale, risks become unpredictable without further analysis. |
| 7 | **Over the project's deadline by 30%.** Up to two additional sprints of work. |
| 6 | Medium | **Over the project's deadline by 10-20%.** 6-10 additional working days of the team or full sprint of work. |
| 5 | **A slight impact on the release deadline.** One such risk will warrant additional working days for the team. It can be extra days after the last sprint or overtime on weekends. |
| 4 | **Serious impact on reserves.** One such risk will drain reserves from all release sprints. Moreover, it puts the deadline at risk. Additional risks will put us beyond the deadline. |
| 3 | Low | **A medium reduction of reserves.** One such risk will impact a sprint's goals. We can regroup and catch up in the following sprints. |
| 2 | **A slight reduction of reserves.** Several such risks may impact a sprint's goals. |
| 1 | **Neglectable impact.** Several such risks may reduce reserves. |

# Probability Grades

|  |  |
| --- | --- |
| Rating | Interpretation |
| 10 | A Fact |
| 9 | High Probability |
| 8 |
| 7 |
| 6 | Medium Probability |
| 5 |
| 4 |
| 3 | Low Probability |
| 2 |
| 1 |

# Impact-Probability Matrix

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Probability |  | 10 |  |  |  |  |  |  |  |  |  |  |
| High | 9 |  |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |  |
| Med | 6 |  |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |  |
| Low | 3 |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |
| 1 |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  |  |  | Low | | | Med | | | High | | | | |
|  |  |  | IMPACT | | | | | | | | | | |

Legend:

**Red** – risks that warrant a response.  
**Yellow** – risks that require further analysis and investigation.  
**Green** – risks that can be ignored.

Planning Risk Responses

All Risk Responses should be logged in The risk management plan as Impediments or Tasks. Risk Responses are part of the project Scope, Budget, and Schedule.

To overcome systematic risks, the project team may introduce additional processes and workflows. They should be properly documented and approved by the team leader.

Project Team may plan Risk Responses as additional tasks, reserves of time, reserves of budget, or adjustments to processes. Other types of Risk Responses should be developed in collaboration with team.

Implementing Risk Responses

The Risk Owner is responsible for:

1. Monitor the assigned risks.
2. Reporting on the progress of response implementation.
3. Reporting any changes to the risks.
4. Identifying and logging any secondary or residual risks.

Project leader is responsible for the overall control of all Risk Management activities.

Project Team will discuss immediate risks during the Meetings.

Project leader will report on the immediate risks on every Status Report Meetings.

Monitoring Risks

During the whole lifetime of the project, the Project Team will continuously monitor the existing risks. It will also have regular activities to identify new risks.

1. Project Team will review Risk Register regularly.
2. Project Team will have regular brainstorming sessions.
3. Risk Owner will control risk's Impact and Probability.
4. Risk Owners will assess the efficiency of Risk Responses.
5. Risk Owners will keep Risk Register up-to-date.
6. Subject Matter Experts may conduct risk audits on demand.

Risk Management Log

https://docs.google.com/spreadsheets/d/1q2UabJpgOshgvWdXje7CKxYZBk8tXu1p6yCmoZUQL8U/edit#gid=0