

Technical Feasibility Report

1. Project Overview

Project Title: [Enter Project Title]

Prepared By: [Prepared By]

Date: [Date]

Brief summary of the project's objectives, scope, and intended outcomes.

2. Current Situation Analysis

Describe the existing system or environment. Identify gaps, challenges, or issues prompting the need for this project.

3. Proposed Technical Solution

3.1 Solution Description

Outline the proposed technology or methodology, including system architecture, tools, platforms, and any innovation.

3.2 Alternative Solutions Considered

- Alternative 1 - Brief Description
- Alternative 2 - Brief Description

4. Technology Assessment

Assess the maturity, compatibility, scalability, and sustainability of proposed and alternate technologies.

Technology	Maturity	Integration	Scalability
[Tech 1]	[High/Medium/Low]	[Easy/Moderate/Difficult]	[Good/Limited]
[Tech 2]	[High/Medium/Low]	[Easy/Moderate/Difficult]	[Good/Limited]

5. Resource Requirements

- Hardware
- Software
- Manpower/Expertise
- Training/Support

6. Timeline and Implementation Plan

Provide an estimated schedule with major milestones and phases of implementation.

Phase	Description	Duration
Phase 1	[Description]	[Time Estimate]
Phase 2	[Description]	[Time Estimate]

7. Risks and Mitigation Strategies

- [Risk 1] – [Mitigation Approach]
- [Risk 2] – [Mitigation Approach]

8. Conclusions & Recommendations

Summarize overall technical feasibility, including key findings and recommendations for next steps.

Important Notes:

- Technical Feasibility Reports help in identifying practical implementation challenges early.
- Clearly document all assumptions and limitations.
- Update the report as new information emerges during project discovery and design.
- Supplement technical findings with business and operational considerations for a holistic view.
- Ensure that all data and claims are backed by credible sources or expert input.