Technical Feasibility Report

1. Executive Summary

Brief overview of the project, its objectives, and key findings relating to technical feasibility.

2. Project Background

Description of the project's context, goals, requirements, and the need it addresses.

3. Technical Requirements

- Summary of user and system requirements
- Hardware and software needs
- Technical constraints and assumptions

4. Existing System Analysis

Review of existing technologies or solutions, and their limitations with regard to the project goals.

5. Proposed System/Technology

- Description of the proposed technical solution
- Major system components and their function
- Integration with current or other systems
- Technology stack overview

6. Technical Feasibility Assessment

- Availability of required technologies and resources
- Skills and expertise needed
- Scalability, maintainability, reliability considerations
- Potential technical risks and mitigation strategies

7. Implementation Timeline & Cost Estimate

- Proposed phases and milestones
- Rough estimate of costs (hardware, software, human resources)

8. Conclusion & Recommendations

Summary of findings, recommendations, and next steps based on the technical analysis.

Important Notes on Technical Feasibility Reports

- Focus on technical aspects; financial and operational feasibility are usually reported separately.
- Always assess current capabilities and possible gaps in technology or skills.
- Clearly highlight technical risks and how they may impact the project's viability.

- Keep the report concise, factual, and objective to aid effective decision making.