

Technical Feasibility Document

Project Name: [Enter Project Name Here]

Date: [Enter Date]

Prepared By: [Enter Preparer Name]

1. Introduction

Provide an overview of the project, its objectives, and a summary of what this technical feasibility study aims to determine.

2. Project Background

Briefly describe the background of the project, business context, and the needs or challenges it addresses.

3. Proposed Solution

Describe the technical solution proposed, including major components, technologies, and high-level architecture if applicable.

4. Technology Assessment

- **Hardware Requirements:** [List anticipated hardware needs]
- **Software Requirements:** [List software, platforms, and tools]
- **Network and Infrastructure:** [Describe network, hosting, or infrastructure needs]
- **Integration Requirements:** [Mention other systems, data sources, or APIs]

5. Resource Availability

Detail the available technical team, skillsets, and any experience gaps or training that may be required.

6. Technical Risks and Mitigation

1. [Describe risk 1: e.g., Integration with legacy systems]
2. [Describe risk 2: e.g., Scalability of proposed solution]
3. [Describe risk 3: e.g., Technology obsolescence]

Provide planned mitigation strategies for each risk identified above.

7. Implementation Timeline (High-Level)

- Phase 1: [Description] - [Duration]
- Phase 2: [Description] - [Duration]
- Phase 3: [Description] - [Duration]

8. Conclusions and Recommendations

Summarize the outcomes of the feasibility analysis and provide recommendations for proceeding (or not) with the project.

Important Notes:

- This document should be reviewed and updated as technical assumptions or requirements change.
- Technical feasibility analysis does not assess business or financial viability.
- All risks should be revisited regularly during the project lifecycle.
- Consult all technical stakeholders for accuracy and completeness.