

Feasibility Analysis for Clinical Management System

Date: November 26, 2024

1. Economic Feasibility

- **Estimated Initial Cost:** \$75,000 (development, hardware, software).
- **Recurring Costs:** \$10,000/year (maintenance and support).
- **Projected Annual Benefits:** \$50,000 (reduced errors, improved productivity, and enhanced patient satisfaction).
- **Financial Metrics:**
 - **Net Present Value (NPV):** \$120,000
 - **ROI:** 150% over 3 years.
 - **Payback Period:** 1.5 years.

2. Technical Feasibility

- **Current Infrastructure:** Basic computer systems and internet.
- **System Requirements:** Cloud-based platform compatible with existing hardware.
- **Technical Challenges:** Training staff and ensuring system compatibility.
- **Feasibility Rating:** High – Compatible with minor upgrades.

3. Operational Feasibility

- **Process Impact:** Streamlined operations, reduced manual errors, and faster processing times.
- **User Adaptability:** Training sessions will ensure smooth adoption.
- **Stakeholder Buy-in:** High interest from staff and management to improve current processes.

4. Schedule Feasibility

- **Proposed Timeline:** 8 months.
- **Major Phases:**
 - Requirements gathering: 1 month.
 - Development: 4 months.
 - Testing and deployment: 2 months.
 - **Feasibility Rating:** Moderate – Tight schedule but manageable.