

SiteVoice Strategic Roadmap & Prioritization Matrix

This roadmap evaluates features based on **Impact (Business Value)**, **Effort (Technical Complexity)**, and **Time (Speed to Market)**.

1. Prioritization Matrix

Feature	Impact	Effort	Time	Priority	Rationale
1.1 Validation Gate	High	Low	1 Week	P1	Core trust layer. Must exist to ensure data integrity.
1.2 Actionable Inbox	High	Med	2 Weeks	P1	Essential for manager utility. Transforms logs into tasks.
1.3 Proof-of-Work (PoW)	High	Med	2 Weeks	P1	Closes the loop on accountability via photo verification.
2.1 Autonomous Follow-ups	High	Med	3 Weeks	P2	Highest ROI for "Assistant" feel. Solves the "forgotten task" problem.
2.3 AI Project Blueprint	Med	High	4 Weeks	P3	High value but requires complex sequence mapping.
2.4 Deviation Alerts	High	High	4 Weeks	P2	Prevents rework. Critical for long-term project health.
3.1 Voice Ledger (Fin)	High	Med	3 Weeks	P2	Captures "Small Data" leakage immediately. High builder ROI.
3.3 Anomaly Engine	High	High	5 Weeks	P3	Requires data accumulation to establish "normal" baselines.
3.4 Finance RAG Querying	Med	High	4 Weeks	P4	Powerful "Wow" feature, but relies on 2+ months of data.

2. Implementation Timeline

Phase 1: The Integrity Core (Month 1)

- **Goal:** Establish the System of Record.
- **Milestones:** Validation Gate, Priority-Coded Feed, PoW Photo Uploads.

Phase 2: The Proactive Assistant (Month 2)

- **Goal:** Automate Operational Rhythm.

- **Milestones:** Autonomous Follow-ups, Expected Delivery Checks, Sequence Deviation Alerts.

Phase 3: The Fiscal Ledger (Month 3)

- **Goal:** Capture Financial Intelligence.
- **Milestones:** Voice-based Purchase/Labour/Petty Cash logging, Price Anomaly Engine, Headcount discrepancy alerts.

Phase 4: Enterprise Intelligence (Months 4+)

- **Goal:** Full Scale ERP Replacement.
- **Milestones:** Natural Language Search (RAG), Automated GST/Compliance exports, Live Meeting Interpretation.

3. Technical Guardrails for Development

1. **Immutability:** Never overwrite `transcript_raw_original`.
2. **Schema Discipline:** AI interpretations (intent, materials, finance) must remain in normalized tables, separated from the `voice_notes` truth layer.
3. **Confidence Awareness:** If AI confidence is <0.7, the "Assistant" must ask for clarification rather than automating a follow-up.