



AI-Assisted Requirements Candidates – Clinic Appointment System

- Manual spreadsheet-based scheduling
- Doctors require buffer time between appointments
- Patients want SMS/email reminders
- IT team requires audit logs
- Medical details cannot be shared via SMS

Key Problems Summary

- Current scheduling relies on manual spreadsheets, which is inefficient and error-prone
- No automated system for patient notifications
- Privacy concerns around sensitive medical information in communications
- Lack of visibility and tracking for compliance purposes

Requirement Candidates

Requirement	Classification
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The system shall allow scheduling of appointments electronically	Functional
The system shall automatically configure buffer time between appointments for doctors	Functional
The system shall send appointment reminders via SMS	Functional
The system shall send appointment reminders via email	Functional
The system shall maintain audit logs of all user actions	Functional
The system must not include medical details in SMS messages	Constraint
The system must not include medical details in email messages	Constraint
The system shall comply with healthcare privacy regulations (e.g., HIPAA)	Non-Functional
The system shall be accessible to IT staff for audit review	Non-Functional