

Requirement Tracability Matrix

Requirement ID	Requirement Description	Priority (MoSCoW)	Stakeholder(s)	Project Objective	Related Data File	Status
FR1	Automate appointment scheduling with conflict detection	Must Have	Administrative Staff	Reduce wait times and scheduling errors	appointment_data.csv	Approved
FR2	Implement centralized electronic health records system	Must Have	Doctors, Nurses, Admin Staff	Streamline access to patient information	resource_data.csv	Approved
FR3	Send real-time SMS/email notifications to patients	Must Have	Patients, IT Team	Improve communication and reduce no-shows	feedback_data.csv	Approved
FR4	Create dashboard for real-time resource availability	Should Have	Doctors, Nurses	Optimize resource allocation	resource_data.csv	Pending
FR5	Build secure internal messaging system for staff	Should Have	Doctors, Nurses, IT Team	Enhance inter-departmental communication	stakeholder_profiles	Pending
NFR1	Ensure 99.9% system uptime during operational hours	Must Have	IT Team	Maintain reliability of digital systems	stakeholder_profiles	Approved
NFR2	Design scalable cloud-based system architecture	Should Have	IT Team	Support future growth and workload demands	stakeholder_profiles	Approved
NFR3	Enforce HIPAA-compliant data security and access controls	Must Have	IT Team, Hospital Management	Ensure legal compliance and patient data privacy	stakeholder_profiles	Approved
NFR4	Develop mobile- and desktop-friendly user interface	Could Have	Patients	Improve user experience and accessibility	feedback_data.csv	Pending

NFR    Non Fuctional Requirement  
FR     Functional Requirement