

Requirement Table

Requirement ID	Requirement Description	Priority	Dependency	Acceptance Criteria
FR001	User Authentication	High	None	Users (receptionists, dentists, and administrators) must log in securely with appropriate access levels and permissions.
FR002	Security and Data Privacy	High	None	The system must comply with relevant data protection regulations, ensuring the confidentiality and integrity of patient information.
FR003	Work Attendance and Leave Management	High	FR002	The system must accurately record and track the days each worker is present, mark holidays, and document any missed days due to leave, illness, or other reasons.
FR004	Leave Request and Approval	High	FR003	Workers can submit leave requests through the system, and supervisors can review, approve, or reject these requests with comments.
FR005	Absence Recording and Documentation	High	FR002 FR003	The system should allow for the recording and documentation of absences, including reasons for missed workdays and any required supporting documentation.
FR006	Attendance Reports	High	FR002 FR003	Supervisors and administrators can generate reports summarizing individual and team attendance, highlighting trends, and identifying potential issues.
FR007	Notifications of Upcoming Events(Holidays,etc)	High	FR003, FR004	The system should send notifications to workers and supervisors in advance of upcoming holidays or other events.
FR008	Admin Dashboard	High	FR001, FR002, FR003	Admin users can access a dashboard to manage user accounts,watch the client list and list appointments and any other information that complies with the Security and Data Privacy policy.
FR009	Patient Registration	High	FR001, FR002	Users (receptionists) can register new patients by capturing essential information such as name, contact details, and medical history.
FR010	Appointment Scheduling	High	FR001, FR002, FR009	Receptionists can schedule, modify, and cancel appointments for patients, specifying date, time, and assigned dentist.

FR011	Patient Check-In	High	FR001, FR002, FR010	Patients can check in for their appointments upon arrival at the clinic, updating their arrival status in the system.
FR012	Electronic Health Records	High	FR001, FR002, FR009	Dentists can create and maintain digital health records for each patient, documenting diagnosis, treatments, and prescriptions.
FR013	Treatment Planning	High	FR001, FR002, FR012	Dentists can develop treatment plans for patients, outlining recommended procedures, associated costs, and appointment schedules.
FR014	Patient Online Registration	High	FR002	New patients can register online by providing necessary personal and contact information.
FR015	Online Appointment Scheduling	High	FR014	Patients can schedule, modify, or cancel appointments online, selecting preferred dates and times.
FR016	Patient Communication via Messaging	Medium	FR002 FR014	The system must allow secure messaging between patients and clinic staff for inquiries, follow-ups, and general communication.
FR017	Online Dental Records Access for Clinic Staff.	High	FR002, FR012	Dentists and clinic staff can access patient records, treatment plans, Electronic Health Records and appointment history through a secure online interface.
FR018	Mobile Responsiveness	High	FR002	The online portal must be responsive and accessible across various devices, including desktops, tablets, and smartphones.

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