Nutqi - MVP Product & Technical Specification

Nutqi is a unified platform connecting parents (or guardians), specialists, and treatment centers for children with special needs. The MVP covers the full lifecycle: registration → discovery → booking → payment → session → reports.

0) Goals & Non-Functional Requirements (NFR)
- Purpose: connect parents/children, specialists, and treatment centers for special-needs services.
- Frontend: Next.js; Backend: Ruby on Rails.

1) Users & Roles
- Parent/Guardian – search and book specialists or centers.
- Specialist – manage profile, availability, conduct sessions, apply to jobs.
- Treatment Center – manage profile, staff system, jobs offers, and bookings for a specialist.
- Admin – KYC approvals, moderation, reporting, and audits.

2) MVP Feature Set

A) Identity & Verification
- Email and Phone OTP authentication.
- Social media authentication (google,facebook)
- KYC for specialists & centers (manual approval, verified badge).
- Role-based access control (parent, specialist, center, admin).

B) Discovery & Matching (Search)
- Filters by Governance ,City, specialty, language, price, rating.
- Simple relevance ordering (text match + availability + distance).
- Profile pages for specialists and centers with services, rating stars, and counts.

C) Ratings
- 5-star ratings (average + count, and comment).
- One rating per completed booking.
- Ratings appear in search results and profiles.

D) Booking & Scheduling

- Calendars with real-time slot holding, reschedule/cancel options.
- Configurable buffers and cancellation windows.
- Email + Mobile (Whatsapp) push reminders.

E) Payments (Electronic Only)

- Electronic payments via Paymob.
- Pre-pay to confirm booking, refunds managed by admin.
- Automatic receipts/invoices (PDF).

F) Sessions & Telehealth

- Zoom SDK for online sessions.
- Offline sessions: check-in/out with attendance tracking.
- Session notes and attachments.

- The parent can consult the center and specialist for one time meeting.

G) Child Profile & Clinical Forms

- Child demographics, guardians, and medical summary.
- Forms: Evaluation form for child, Treatment Plan, Invoices Follow-up (PDF export).
- Lightweight event timeline.

- The parent uploads the child history file (pdf).

H) Jobs Module

- Centers can post jobs with requirements and compensation.
- Specialists can apply; centers can hire and link staff.

I) Admin Console

- KYC approvals, profile moderation, payout reports.
- Audit logs, feature flags, and simple FAQ CMS.

J) Notifications

- For admin

- Triggered by bookings, payments, KYC, and reminders.

3) Embedded Store

- Admin can post items.

4) blog

- Admin can post blogs.

5) Chat

- Only chat with reserved meetings or sessions