

Front-End Specification — Admin Panel

Purpose

Admin panel used by internal staff to manage vendors, subscriptions, disputes, reviews, payments, and platform configuration. Must match backend RBAC and produce traceable actions (trace_id).

Core features

- Login (email + password + optional 2FA). Obtain admin JWT.
- Dashboard: metrics, vendor counts, subscription revenue, pending verifications.
- Vendors management: list, search, filter by status/plan, view vendor details, documents, audit timeline, verify/reject vendor, change status (suspend/activate).
- Users management: list, search, block/unblock users.
- Subscriptions & payments: view transactions, refund, manual adjustments.
- Reviews & disputes: view flagged reviews, resolve, attach notes.
- Admin accounts: CRUD admin users with scoped roles; audit trails for admin creation & privilege changes.
- System config: feature toggles, email templates, plan management.

API contracts (examples)

- GET /api/v1/admin/vendors
- GET /api/v1/admin/vendors/
- POST /api/v1/admin/vendors//verify
- PATCH /api/v1/admin/vendors/
- GET /api/v1/admin/audit-events

UI behaviors

- Show trace_id on error snackbars.
- Use Idempotency-Key when triggering refund or manual payment operations.
- Show documents in a modal with download links; option to mark document as 'verified' with reason.
- Paginated tables with server-side filters.

Security & audit

- All sensitive actions require 2FA confirmation for super_admin.
- Every admin action writes to audit_logs with before/after diff.

Acceptance

- Admin can verify vendor and see audit log entry
- Admin CRUD for admin accounts respects RBAC