ADMIN CMS SAQIMA (Schema)

Super Admin Pages — Orgs Management, Plans, Billing Properties, Metrics

Yeh **admin-side (super-admin) CMS saqima** hai. Iska access **sirf platform owners / internal team** ke paas hota hai. Yeh layer SaaS ko **operate, control aur scale** karne ke liye hoti hai — users isay kabhi nahi dekhte.

Yeh saqima **C# (.NET)** aur **Python FastAPI** dono ke liye same logic se design kiya gaya hai.

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1) ORGS MANAGEMENT (Tenants Control)

Entity: Organization - id - name - slug - status (active | suspended | terminated) - plan_id - created_at - owner_user_id - data_region

Entity: OrgAdminNote - id - org_id - note - created_by - created_at

Entity: OrgLimitOverride - id - org_id - limit_key (api_calls | seats | storage) - value - reason - expires_at

Admin Actions: - suspend / resume org - force plan change - view usage & billing - impersonate (read-only)

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2) PLANS MANAGEMENT

Entity: Plan - id - name - slug - billing_type (free | recurring | custom) - price_monthly - price_yearly - currency - trial_days - is_active

Entity: PlanFeature - id - plan_id - feature_key - enabled

Entity: PlanLimit - id - plan_id - limit_key - value

Admin Actions: - create / update plans - enable / disable features - change limits - archive old plans

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3) BILLING PROPERTIES (System Level)

Entity: BillingProperty - id - provider (stripe) - key - value (encrypted) - environment (test | live) - is_active

Entity: TaxRule - id - country - tax_percentage - provider_ref

Entity: Coupon - id - code - discount_type (percent | fixed) - value - max_redemptions - expires_at

Admin Actions: - rotate billing keys - manage tax rules - create coupons

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4) METRICS & ANALYTICS (Platform Health)

Entity: MetricSnapshot - id - metric_key (MRR | ARR | churn | active_orgs) - value - recorded_at

Entity: UsageAggregate - id - metric_key - total_value - period (daily | monthly)

Entity: SystemHealth - id - service_name - status (ok | degraded | down) - last_checked_at

Admin Views: - revenue dashboards - growth trends - usage heatmaps - system uptime

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5) ADMIN AUDIT & SECURITY

Entity: AdminAuditLog - id - admin_user_id - action - target_type - target_id - ip_address - created_at

Rules: - har admin action logged hoga - sensitive fields encrypted honge - no hard delete (soft delete only)

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6) ADMIN PERMISSIONS

Entity: AdminRole - id - name (owner | finance | support | analyst) - permissions (JSON)

Entity: AdminUserRole - id - admin_user_id - role_id

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7) IMPORTANT GOVERNANCE RULES

- Admin aur App users **completely separate** rahenge
- Plan & billing changes **versioned** hongi
- Org suspension ka effect real-time hoga
- Metrics read-only hongi (no manual edit)

Yeh admin saqima **SaaS ka control tower** hai. Is ke baghair koi bhi subscription-based platform industry-grade nahi hota.