

SaudaPakka

Master API Documentation

Single Source of Truth for Frontend Integration



1. Authentication & User Management

These endpoints handle the security handshake and user roles.

METHOD	ENDPOINT	DESCRIPTION
POST	/api/auth/login/	OTP Request: Sends a 6-digit code via Gmail SMTP to the user's email.
POST	/api/auth/verify/	OTP Verification: Exchanges the email + OTP for a JWT Access & Refresh token.
GET	/api/users/me/	Profile: Returns current user details, including `is_active_seller` and `is_active_broker` status.
PATCH	/api/users/update-role/	Role Selection: Allows a user to select "SELLER" or "BROKER" role before starting KYC.



2. Digital KYC (Sandbox DigiLocker)

Legally verifies user identity via Aadhaar using the Sandbox three-way handshake.

METHOD	ENDPOINT	DESCRIPTION
POST	/api/kyc/initiate/	Start KYC: Returns a `digilocker_url` and `request_id`. Redirect the user to this URL.
POST	/api/kyc/verify-status/	Finalize: Call this once the user returns. Backend fetches verified name, DOB, and address from Sandbox.



3. Property Marketplace (Public & User)

Comprehensive listing management with professional real estate attributes.

Marketplace Operations

METHOD	ENDPOINT	DESCRIPTION
GET	/api/listings/	Search/Filter: Public list of `VERIFIED` properties. Supports `?min_price=`, `?bhk=`, `?city=`, and `?search=`.
POST	/api/listings/	Add Listing: For Sellers/Brokers. Requires MultiPart form data (Images/Docs). Status defaults to `PENDING`.
GET	/api/listings/{id}/	Details: Full property data including BHK, Area, Amenities, and Lat/Long coordinates.
DELETE	/api/listings/{id}/	Remove: Deletes own property. Blocked if a `SIGNED` mandate exists.

Property Interactivity

METHOD	ENDPOINT	DESCRIPTION
POST	/api/listings/{id}/upload_image/	Gallery: Upload additional property photos to the gallery.
POST	/api/listings/{id}/save_property/	Wishlist: Toggles the "Save/Unsave" status for the user.
POST	/api/listings/{id}/record_view/	History: Adds the property to the user's "Recently Viewed" list.



4. Mandate & Agreement Flow

Handles the legal 90-day agreements between Sellers, Brokers, and the Platform.

METHOD	ENDPOINT	DESCRIPTION
POST	/api/mandates/initiate/	Create Request: Used by Seller to hire a Broker/Platform, or Broker to request a Seller.
PATCH	/api/mandates/{id}/sign/	Sign Agreement: Changes status to `SIGNED`. Starts the 90-day timer.
GET	/api/mandates/my-mandates/	Dashboard: Returns all active, pending, and expired agreements for the user.



5. Admin Panel (Custom Dashboard)

Restricted to `is_staff=True` users for platform oversight.

Admin Property Management

METHOD	ENDPOINT	DESCRIPTION
GET	/api/admin-panel/properties/	Full List: View every property across the entire platform (including Pending/Rejected).
POST	/api/admin-panel/properties/	Direct List: Admin creates a property. Auto-assigned to Platform Admin and status is set to `VERIFIED`.
POST	/api/admin-panel/properties/{id}/approve/	Verify: Admin manually approves a user's pending listing.
DELETE	/api/admin-panel/properties/{id}/	Force Delete: Admin removes any property from the system.

Admin User & Analytics

METHOD	ENDPOINT	DESCRIPTION
GET	/api/admin-panel/users/	User List: View all registered users, their KYC status, and roles.
GET	/api/admin-panel/users/{id}/kyc_details/	KYC Review: Access verified Aadhaar data for audit purposes.
GET	/api/admin-panel/dashboard/stats/	Analytics: Returns platform stats (Total Users, Total Listings, Active Mandates).



Global Constants & Logic

Platform Admin ID: `18a816ee-179a-4cac-b67b-3098b2f5f3bd` (Use this whenever the Platform itself is the Broker/Owner).

Currency: All prices are in INR (₹).

Area Units: All area fields (`carpet_area`, etc.) are in sq. ft.

Coordinates: Latitude and Longitude are standard float values for Map integration.

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This document serves as the single source of truth for the Frontend team to integrate the entire ecosystem.