

# Tenant & Landlord API Documentation

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## TENANT APIS

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### AUTHENTICATION & ONBOARDING

#### Login Screen

- **POST** `/api/auth/login`
  - **Purpose:** Login using email and password
  - **Payload:** `loginPayload`

```
json
{
  "email": "user@example.com",
  "password": "yourPassword123"
}
```

#### OTP Authentication

- **POST** `/api/auth/send-otp`
  - **Purpose:** Send OTP to mobile number (for login/signup)
  - **Payload:** `otpSendPayload`

```
json
{
  "phone": "+91XXXXXXXXXX"
}
```

- **POST** `/api/auth/verify-otp`
  - **Purpose:** Verify OTP sent to mobile
  - **Payload:** `otpVerifyPayload`

```
json
{
  "phone": "+91XXXXXXXXXX",
  "otp": "123456"
}
```

#### Password Management

- **POST** `/api/auth/forgot-password`

- **Purpose:** Request to reset password

- **Payload:** forgotPasswordPayload

```
json
{
  "email": "user@example.com"
}
```

- **POST** /api/auth/reset-password

- **Purpose:** Reset password after OTP or token verification

- **Payload:** resetPasswordPayload

```
json
{
  "email": "user@example.com",
  "otp": "123456",
  "newPassword": "NewPassword@123"
}
```

## Tenant Registration

- **POST** /api/tenant/signup

- **Purpose:** Start tenant registration

- **Payload:** tenantSignupPayload

```
json
{
  "fullName": "Afroz Malek",
  "email": "afroz@example.com",
  "phone": "+91XXXXXXXXXX"
}
```

- **POST** /api/tenant/complete-signup

- **Purpose:** Complete signup after OTP verification

- **Payload:** completeSignupPayload

```
json
{
  "phone": "+91XXXXXXXXXX",
  "otp": "123456",
  "password": "YourPassword@123"
}
```

## Profile & Logout

- **GET** `/api/auth/profile`
    - **Purpose:** Get current user's profile
    - **Headers:** `Authorization: Bearer <JWT_TOKEN>`
  - **POST** `/api/auth/logout`
    - **Purpose:** Logout current session
    - **Payload:** No body required
- 

## AI-GUIDED ONBOARDING (BOT FLOW)

- **POST** `/api/ai/onboarding/start`
    - **Purpose:** Start AI onboarding session
    - **Payload:** `startSessionPayload`
  - **POST** `/api/ai/onboarding/chat`
    - **Purpose:** Send message to AI bot
    - **Payload:** `botMessagePayload`
  - **POST** `/api/ai/onboarding/complete`
    - **Purpose:** Complete AI onboarding
    - **Payload:** No body required
  - **GET** `/api/ai/onboarding/history`
    - **Purpose:** Get onboarding chat history
    - **Payload:** No body required
- 

## DASHBOARD & OVERVIEW

### Main Dashboard

- **GET** `/api/dashboard/overview`
  - **Purpose:** Fetch tenant dashboard stats
  - **Response:**

json

```
{
  "pendingVisits": 2,
  "requestedVisits": 4,
  "scheduledVisits": 1,
  "savedProperties": 3
}
```

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## PROPERTY SEARCH & DISCOVERY

### Property Listings

- **GET** `/api/properties`
  - **Purpose:** Search & filter properties for rent
  - **Query Params:** `searchParams`
  - **Example:** `?page=1&limit=10&location=Mumbai&rentRange=10000-50000&bedrooms=2&type=Apartment`
- **GET** `/api/properties/:propertyId`
  - **Purpose:** Fetch full details of a selected property
  - **Payload:** No body required

### AI Recommendations

- **GET** `/api/properties/recommendations`
  - **Purpose:** Show AI-predicted relevant properties
  - **Payload:** No body required

### Saved Properties Management

- **GET** `/api/properties/saved`
  - **Purpose:** Fetch tenant's saved/liked properties
  - **Response:**

```
json
[
  {
    "propertyId": "prop123",
    "propertyName": "Skyline Apartment",
    "price": 40000
  }
]
```

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# AI & AUTOMATION FEATURES (LANDLORD)

## Property Description Generation

- **POST** `/api/ai/generate-description`
  - **Purpose:** Generate AI property description
  - **Payload:** `aiGenerateDescriptionPayload`

```
json
{
  "propertyName": "Lavender",
  "propertyType": "Income",
  "location": "Linking Road, Mumbai",
  "amenities": ["Parking"]
}
```

- **POST** `/api/ai/regenerate-description`
  - **Purpose:** Regenerate property description
  - **Payload:** `aiRegenerateDescriptionPayload`

```
json
{
  "propertyId": "PROP12345",
  "regenerationReason": "Need more engaging description"
}
```

- **PUT** `/api/ai/confirm-description`
  - **Purpose:** Confirm final property description
  - **Payload:** `aiConfirmDescriptionPayload`

```
json
{
  "propertyId": "PROP12345",
  "finalDescription": "Welcome to Lavender Heights, a premium 2BHK apartment..."
}
```

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# LANDLORD LEASE MANAGEMENT & RENEWALS

## Lease Overview & Management

- **GET** `/api/leases`
  - **Purpose:** Get all lease information
  - **Response:**

json

```
{
  "leaseId": "LSE12345",
  "propertyName": "Lavender Manor",
  "tenantName": "Ravi Sharma",
  "rent": 25000,
  "deposit": 200000,
  "leaseExpiry": "2025-12-17",
  "status": "Active"
}
```

- **POST** `/api/leases/renew`
  - **Purpose:** Renew lease with new terms
  - **Payload:** `leaseRenewalPayload`

json

```
{
  "leaseId": "LSE12345",
  "newTerms": {
    "rent": 26000,
    "durationMonths": 12
  }
}
```

- **POST** `/api/leases/early-termination`
  - **Purpose:** Initiate early lease termination
  - **Payload:** `earlyTerminationPayload`

json

```
{
  "leaseId": "LSE12345",
  "terminationReason": "Property Sale",
  "effectiveDate": "2025-05-01"
}
```

## Digital Agreement Management

- **POST** `/api/leases/sign-agreement`
  - **Purpose:** Sign lease agreement digitally
  - **Payload:** `digitalSignaturePayload`

json

```
{
  "leaseId": "LSE12345",
  "eSignature": "base64-signature-data"
}
```

## LANDLORD DOCUMENT & SECURITY MANAGEMENT

### Document Management

- **GET** `/api/documents`
  - **Purpose:** Get all documents
  - **Response:**

```
json

[
  {
    "documentId": "DOC98765",
    "category": "Lease Agreement",
    "uploadedOn": "2025-02-01T10:45:00Z"
  }
]
```

- **POST** `/api/documents/upload`
  - **Purpose:** Upload documents
  - **Payload:** `documentUploadPayload`

```
json

{
  "documentCategory": "Lease Agreement",
  "file": "base64-file-data"
}
```

- **POST** `/api/documents/share`
  - **Purpose:** Share documents securely
  - **Payload:** `documentSharePayload`

```
json

{
  "documentId": "DOC98765",
  "sharedWith": ["tenant123", "agency456"],
  "accessLevel": "read"
}
```

- **GET** `/api/documents/shared-vault`
  - **Purpose:** Get shared document vault
  - **Response:**

```
json
[
  {
    "documentId": "DOC98765",
    "category": "ID Proof",
    "sharedWith": ["tenant123"],
    "sharedOn": "2025-02-02T14:30:00Z"
  }
]
```

- **POST** `/api/properties/:propertyId/save`
    - **Purpose:** Save/like a property
    - **Payload:** No body required
  - **DELETE** `/api/properties/:propertyId/save`
    - **Purpose:** Unsave/unlike a property
    - **Payload:** No body required
- 

## VISIT MANAGEMENT

### Visit Requests

- **GET** `/api/visits`
  - **Purpose:** Get all visit requests (grouped by status)
  - **Query Params:** `?status=pending|accepted|rejected`
  - **Response:**

```
json
[
  {
    "propertyId": "prop123",
    "propertyName": "Blue Sky Apartment",
    "status": "pending",
    "scheduledDate": null,
    "landlordResponse": "awaiting"
  }
]
```

- **POST** `/api/visits/request`



- **Purpose:** Submit a visit request for a property
- **Payload:** `visitRequestPayload`

```
json
{
  "propertyId": "prop123",
  "preferredDate": "2025-08-12",
  "timeSlot": "10 AM - 12 PM"
}
```

## Visit Status & Management

- **GET** `/api/visits/:visitId/status`
  - **Purpose:** Get detailed status of a visit request
  - **Response:**

```
json
{
  "applicationSubmitted": true,
  "profileVerified": true,
  "landlordReviewing": true,
  "visitStatus": "awaiting_approval"
}
```

- **DELETE** `/api/visits/:visitId/cancel`
  - **Purpose:** Cancel a visit request
  - **Payload:** No body required
- **POST** `/api/visits/:visitId/notify-landlord`
  - **Purpose:** Trigger a reminder/notification to the landlord
  - **Payload:** No body required
- **POST** `/api/visits/:visitId/reapply`
  - **Purpose:** Reapply for a visit
  - **Payload:** No body required

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## APPLICATION STATUS TRACKER (Visits: Scheduled / History)

- **GET** `/api/visits/scheduled`
  - **Purpose:** Get scheduled visits
  - **Payload:** No body required
- **GET** `/api/visits/history`

- **Purpose:** Get visit history
  - **Payload:** No body required
- 

## TENANT APPLICATION & BOOKING

### Universal Application Process

- **POST** `/api/application/universal/step1`
    - **Purpose:** Submit personal details
    - **Payload:** `personalDetailsPayload`
  - **POST** `/api/application/universal/step2`
    - **Purpose:** Submit financial details
    - **Payload:** `financialDetailsPayload`
  - **POST** `/api/application/universal/step3`
    - **Purpose:** Submit reference details
    - **Payload:** `referenceDetailsPayload`
  - **POST** `/api/application/universal/upload-video`
    - **Purpose:** Upload selfie video
    - **Payload:** `selfieVideoPayload`
  - **POST** `/api/application/universal/upload-docs`
    - **Purpose:** Upload application documents
    - **Payload:** `documentUploadPayload`
  - **GET** `/api/application/universal/view-docs`
    - **Purpose:** View uploaded documents
    - **Payload:** No body required
- 

## TENANT PROFILE MANAGEMENT

### Profile Setup & Management

- **POST** `/api/profile`
  - **Purpose:** Create/Setup profile
  - **Payload:** `profileSetupPayload`

json

```
{
  "fullName": "Afroz Malek",
  "email": "afroz@example.com",
  "phone": "+91XXXXXXXXXX",
  "dob": "1995-05-21"
}
```

- **PUT** `/api/profile`

- **Purpose:** Edit profile
- **Payload:** `profileUpdatePayload`

```
json
{
  "fullName": "Afroz M.",
  "phone": "+91XXXXXXXXXX"
}
```

## Avatar & Photo Management

- **POST** `/api/profile/avatar`

- **Purpose:** Choose avatar
- **Payload:** `avatarPayload`

```
json
{
  "avatarId": "avatar123"
}
```

- **POST** `/api/profile/upload-photo`

- **Purpose:** Upload profile photo
- **Payload:** `profilePhotoPayload`

```
json
{
  "file": "<Image File>"
}
```

## Document Management

- **POST** `/api/profile/upload-id`

- **Purpose:** Upload ID document
- **Payload:** `idDocumentPayload`

json

```
{  
  "documentType": "Aadhar Card",  
  "file": "<PDF/Image>"  
}
```

- **POST** `/api/profile/verify-id`

- **Purpose:** Verify identity

- **Payload:** `idVerificationPayload`

json

```
{  
  "otp": "123456"  
}
```

- **GET** `/api/profile/documents`

- **Purpose:** View uploaded documents

- **Payload:** No body required

---

## TENANT SELF-MANAGEMENT DASHBOARD

### Lease & Reminders

- **GET** `/api/tenant/lease-info`

- **Purpose:** Get current lease information

- **Payload:** No body required

- **GET** `/api/tenant/reminders`

- **Purpose:** Get tenant reminders

- **Payload:** No body required

- **POST** `/api/tenant/reminders/toggle`

- **Purpose:** Toggle reminder settings

- **Payload:** `reminderTogglePayload`

### Services & Documents

- **POST** `/api/tenant/services/request`

- **Purpose:** Request home services

- **Payload:** `homeServiceRequestPayload`

- **POST** `/api/tenant/documents/upload`

- **Purpose:** Upload tenant documents

- **Payload:** documentUploadPayload
  - **GET** /api/tenant/maintenance/history
    - **Purpose:** Get maintenance history
    - **Payload:** No body required
- 

## MAINTENANCE REQUEST MANAGEMENT

### Create & Manage Requests

- **POST** /api/tenant/maintenance/request
  - **Purpose:** Submit new maintenance request
  - **Payload:** maintenanceRequestPayload

```
json
{
  "title": "AC not working",
  "description": "The AC in bedroom is not cooling",
  "priority": "High",
  "category": "Electrical",
  "images": ["<image1_url>", "<image2_url>"]
}
```

- **GET** /api/tenant/maintenance/list
  - **Purpose:** Get all maintenance requests
  - **Query Params:** ?status=pending|in\_progress|completed|cancelled
- **GET** /api/tenant/maintenance/:requestId
  - **Purpose:** View detailed maintenance request info
  - **Payload:** No body required
- **PUT** /api/tenant/maintenance/:requestId
  - **Purpose:** Update maintenance request
  - **Payload:** maintenanceUpdatePayload

```
json
{
  "title": "AC cooling issue",
  "description": "AC is making noise and not cooling properly",
  "priority": "Medium",
  "category": "Electrical",
  "images": ["<image1_url>", "<image2_url>"]
}
```

- **DELETE** `/api/tenant/maintenance/:requestId`
  - **Purpose:** Cancel maintenance request
  - **Payload:** No body required

## Cost Estimates & Payments

- **POST** `/api/tenant/maintenance/:requestId/accept-estimate`
  - **Purpose:** Accept cost estimate
  - **Payload:** `estimateApprovalPayload`

```
json
{
  "approved": true
}
```

- **POST** `/api/tenant/maintenance/:requestId/reject-estimate`
  - **Purpose:** Reject cost estimate
  - **Payload:** `estimateRejectionPayload`

```
json
{
  "reason": "Cost is too high"
}
```

- **POST** `/api/tenant/maintenance/:requestId/pay`
  - **Purpose:** Pay for maintenance service
  - **Payload:** `maintenancePaymentPayload`

```
json
{
  "amount": 1500,
  "paymentMethod": "UPI",
  "transactionId": "txn12345"
}
```

## Payment & Activity Tracking

- **GET** `/api/tenant/maintenance/:requestId/payment-status`
  - **Purpose:** Get payment status
  - **Payload:** No body required
- **GET** `/api/tenant/maintenance/:requestId/activity`
  - **Purpose:** Fetch activity timeline

- **Payload:** No body required
- 

## LEASE MANAGEMENT

### Current Lease

- **GET** `/api/lease/current`
  - **Purpose:** Get current lease information
  - **Payload:** No body required

### Lease Renewal

- **POST** `/api/lease/renewal-request`
  - **Purpose:** Request lease renewal
  - **Payload:** `leaseRenewalPayload`

```
json
{
  "leaseId": "lease123",
  "requestedEndDate": "2026-01-31"
}
```

- **GET** `/api/lease/renewal-status/:requestId`
    - **Purpose:** Get renewal request status
    - **Payload:** No body required
  - **DELETE** `/api/lease/renewal-request/:requestId`
    - **Purpose:** Cancel renewal request
    - **Payload:** No body required
  - **GET** `/api/lease/vacancy-suggestions`
    - **Purpose:** Get vacancy forecast & suggestions
    - **Payload:** No body required
- 

## RENT & UTILITY MANAGEMENT

### Rent Details & Agreement

- **GET** `/api/rent/details`
  - **Purpose:** Get rent amount, due date, landlord info
  - **Payload:** No body required
- **GET** `/api/rent/agreement/:propertyId`

- **Purpose:** Get digital rent agreement
- **Payload:** No body required
- **POST** `/api/rent/agreement/sign`
  - **Purpose:** Sign digital agreement
  - **Payload:** `rentAgreementSignPayload`

```
json
{
  "propertyId": "prop123",
  "signature": "<Base64 Image / Signature Data>"
}
```

## Payment Management

- **POST** `/api/rent/pay`
  - **Purpose:** Pay rent
  - **Payload:** `rentPaymentPayload`

```
json
{
  "amount": 25000,
  "paymentMethod": "Credit Card",
  "transactionId": "txn_789"
}
```

- **GET** `/api/rent/success`
  - **Purpose:** Get payment success details
  - **Query Param:** `transaction ID`
- **GET** `/api/rent/payments/history`
  - **Purpose:** Get payment history
  - **Payload:** No body required
- **GET** `/api/rent/payments/dashboard`
  - **Purpose:** Get payment dashboard (Pending/Completed)
  - **Payload:** No body required

## Auto-Pay & Late Fees

- **POST** `/api/rent/autopay/setup`
  - **Purpose:** Setup auto-pay
  - **Payload:** `autoPaySetupPayload`



json

```
{
  "paymentMethod": "UPI",
  "startDate": "2025-08-15",
  "recurringCycle": "monthly"
}
```

- **GET** `/api/rent/late-fee`
  - **Purpose:** Get late fee & penalty info
  - **Payload:** No body required

## Rent Split Management

- **POST** `/api/rent/split/manage`
  - **Purpose:** Manage rent split
  - **Payload:** `rentSplitPayload`

json

```
{
  "rentAmount": 25000,
  "splitBetween": [
    { "userId": "tenant1", "amount": 12500 },
    { "userId": "tenant2", "amount": 12500 }
  ]
}
```

- **POST** `/api/rent/split/pay`
  - **Purpose:** Pay rent split share
  - **Payload:** `splitPaymentPayload`

json

```
{
  "splitId": "split123",
  "amount": 12500,
  "paymentMethod": "UPI"
}
```

- **GET** `/api/bills/split`
  - **Purpose:** Get split bill details
  - **Payload:** No body required
- **POST** `/api/bills/split/pay`
  - **Purpose:** Pay split bills

- **Payload:** `splitBillPaymentPayload`

## Security Deposit

- **GET** `/api/rent/security-deposit`
  - **Purpose:** Get security deposit details
  - **Payload:** No body required

## Utility Bills

- **GET** `/api/bills/utilities`
    - **Purpose:** Get utility bills
    - **Payload:** No body required
  - **POST** `/api/bills/utilities/pay`
    - **Purpose:** Pay utility bills
    - **Payload:** `utilityPaymentPayload`
  - **POST** `/api/bills/upload-receipt`
    - **Purpose:** Upload payment receipt
    - **Payload:** `receiptUploadPayload`
- 

# TENANT INSPECTION VAULT

## Access Management

- **GET** `/api/inspection/access-permissions`
  - **Purpose:** Get document access permissions
  - **Payload:** No body required
- **PUT** `/api/inspection/access-permissions`
  - **Purpose:** Update document access permissions
  - **Payload:** `accessPermissionPayload`

```
json
{
  "landlord": "full",
  "tenant": "limited",
  "agent": "restricted"
}
```

## Document Management

- **GET** `/api/inspection/assets`

- **Purpose:** Get asset vault documents
- **Payload:** No body required
- **GET** `/api/inspection/shared`
  - **Purpose:** Fetch shared inspection documents
  - **Payload:** No body required
- **POST** `/api/inspection/upload`
  - **Purpose:** Upload inspection proof
  - **Payload:** `inspectionUploadPayload`

```
json
{
  "category": "Full House Inspection",
  "file": "<PDF/Image/Video>"
}
```

- **POST** `/api/inspection/share`
  - **Purpose:** Share inspection document securely
  - **Payload:** `inspectionSharePayload`

```
json
{
  "documentId": "doc123",
  "sharedWith": ["landlord", "agent"]
}
```

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## TENANT CHAT SCREEN

### Chat Management

- **GET** `/api/chat/conversations`
  - **Purpose:** Get all conversations
  - **Payload:** No body required
- **GET** `/api/chat/conversations/:id`
  - **Purpose:** Get specific conversation
  - **Payload:** No body required
- **POST** `/api/chat/send-message`
  - **Purpose:** Send message in chat
  - **Payload:** `chatMessagePayload`

- **POST** `/api/chat/start-conversation`
  - **Purpose:** Start new conversation
  - **Payload:** `newConversationPayload`
- **POST** `/api/chat/conversations/:id/end`
  - **Purpose:** End conversation
  - **Payload:** No body required

## Chat Access & Contacts

- **POST** `/api/chat/request-access`
  - **Purpose:** Request chat access with landlord
  - **Payload:** `chatAccessRequestPayload`

```
json
{
  "propertyId": "prop123",
  "landlordId": "landlord456"
}
```

- **GET** `/api/chat/contacts`
  - **Purpose:** Get chat contacts
  - **Payload:** No body required

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## TENANT SCREENING & SELECTION

### Application Management

- **GET** `/api/applications/list`
  - **Purpose:** List applications with status filter
  - **Query Param:** `status`
- **GET** `/api/applications/rank`
  - **Purpose:** Get application rankings
  - **Payload:** No body required
- **GET** `/api/applications/:id/view`
  - **Purpose:** View specific application
  - **Payload:** No body required

### Application Actions

- **POST** `/api/applications/:id/approve`

- **Purpose:** Approve application
  - **Payload:** No body required
  - **POST** `/api/applications/:id/reject`
    - **Purpose:** Reject application
    - **Payload:** `rejectionReasonPayload`
  - **POST** `/api/applications/:id/reschedule-visit`
    - **Purpose:** Reschedule visit
    - **Payload:** `rescheduleVisitPayload`
  - **POST** `/api/applications/:id/verify-documents`
    - **Purpose:** Verify documents
    - **Payload:** `documentVerificationPayload`
- 

## LANDLORD APIS

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### LANDLORD PROFILE SETUP

#### Profile Management

- **GET** `/api/landlord/profile`
  - **Purpose:** Get landlord profile
  - **Payload:** No body required
- **POST** `/api/landlord/profile`
  - **Purpose:** Complete landlord profile
  - **Payload:** `landlordProfilePayload`

```
json
{
  "fullName": "Ravi Kumar",
  "email": "ravikumar@example.com",
  "dob": "1985-03-15",
  "phone": "+91XXXXXXXXXX",
  "propertyType": "Apartment"
}
```

#### Document Management

- **GET** `/api/landlord/documents`
  - **Purpose:** View uploaded documents

- **Payload:** No body required
- **POST** `/api/landlord/upload-document`
  - **Purpose:** Upload document
  - **Payload:** `landlordDocumentPayload`

```
json
{
  "documentType": "Ownership Proof",
  "file": "<PDF/Image>"
}
```

## Avatar & Photo Management

- **POST** `/api/landlord/avatar`
  - **Purpose:** Choose avatar
  - **Payload:** `landlordAvatarPayload`

```
json
{
  "avatarId": "avatar_123"
}
```

- **POST** `/api/landlord/upload-photo`
  - **Purpose:** Upload profile photo
  - **Payload:** `landlordProfilePhotoPayload`

```
json
{
  "file": "<Image File>"
}
```

- **POST** `/api/landlord/upload-avatar`
  - **Purpose:** Upload avatar file
  - **Payload:** `landlordAvatarUploadPayload`

```
json
{
  "landlordId": "string",
  "avatar": "file"
}
```

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# AI-GUIDED ONBOARDING (LANDLORD)

- **POST** `/api/ai/onboarding/landlord/start`
  - **Purpose:** Start AI onboarding session
  - **Payload:** `aiOnboardingStartPayload`

```
json
{
  "landlordId": "landlord_123"
}
```

- **POST** `/api/ai/onboarding/landlord/chat`
  - **Purpose:** Send message to AI bot
  - **Payload:** `aiBotMessagePayload`

```
json
{
  "message": "I need help setting up my property listing",
  "sessionId": "ai_sess_456"
}
```

- **POST** `/api/ai/onboarding/landlord/complete`
  - **Purpose:** Complete AI onboarding
  - **Payload:** No body required
- **GET** `/api/ai/onboarding/landlord/history`
  - **Purpose:** Get AI onboarding history
  - **Payload:** No body required
- **POST** `/api/landlord/ai-onboarding`
  - **Purpose:** Submit AI onboarding step
  - **Payload:** `landlordAiOnboardingPayload`

```
json
{
  "landlordId": "string",
  "step": "number",
  "answers": [
    { "questionId": "string", "answer": "string" }
  ]
}
```

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# LANDLORD VISIT MANAGEMENT

## Visit Scheduling

- **GET** `/api/landlord/visits/scheduled`
  - **Purpose:** Get scheduled visits
  - **Payload:** No body required
- **GET** `/api/landlord/visits/history`
  - **Purpose:** Get visit history
  - **Payload:** No body required
- **GET** `/api/landlord/visits`
  - **Purpose:** Get visits with status filter
  - **Query Params:** `?status=scheduled|history`

## Visit Actions

- **POST** `/api/landlord/visits/:visitId/reschedule`
  - **Purpose:** Reschedule visit
  - **Payload:** `visitReschedulePayload`

json

```
{  
  "newDate": "2025-08-15",  
  "timeSlot": "2 PM - 4 PM"  
}
```

- **PATCH** `/api/landlord/visit/:id/reschedule`
  - **Purpose:** Update visit schedule
  - **Payload:** `visitUpdatePayload`

json

```
{  
  "newDate": "YYYY-MM-DD",  
  "newTime": "HH:mm"  
}
```

## Tenant Communication

- **POST** `/api/chat/send-message`
  - **Purpose:** Message tenant regarding visit
  - **Payload:** `chatMessagePayload`



json

```
{
  "conversationId": "conv_456",
  "senderId": "landlord_123",
  "message": "Can we confirm the visit timing?"
}
```

- **POST** `/api/landlord/message-tenant`
  - **Purpose:** Send message to tenant
  - **Payload:** `landlordTenantMessagePayload`

json

```
{
  "landlordId": "string",
  "tenantId": "string",
  "message": "string"
}
```

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## LANDLORD SELF-MANAGEMENT DASHBOARD

### Rental Management

- **GET** `/api/landlord/rental-management/:propertyId`
  - **Purpose:** Get rental management data for property
  - **Payload:** No body required

### Reminders & Services

- **PATCH** `/api/landlord/reminders`
  - **Purpose:** Update reminder preferences
  - **Payload:** `landlordRemindersPayload`

json

```
{
  "landlordId": "string",
  "remindersEnabled": true
}
```

- **POST** `/api/landlord/home-services`
  - **Purpose:** Request home services
  - **Payload:** `landlordHomeServicesPayload`

json

```
{
  "landlordId": "string",
  "serviceName": "string",
  "serviceDate": "YYYY-MM-DD",
  "status": "requested|completed"
}
```

---

## LANDLORD RENTAL & PAYMENTS

### Payment Overview

- **GET** `/api/landlord/payments`
  - **Purpose:** Get payment overview
  - **Query Params:** `?status=overview|upcoming|received`

### Penalty & Split Management

- **POST** `/api/landlord/penalty`
  - **Purpose:** Apply penalty to tenant
  - **Payload:** `landlordPenaltyPayload`

json

```
{
  "landlordId": "string",
  "tenantId": "string",
  "amount": "number",
  "reason": "string"
}
```

- **PATCH** `/api/landlord/split-rent`
  - **Purpose:** Manage split rent
  - **Payload:** `landlordSplitRentPayload`

json

```
{
  "agreementId": "string",
  "splitDetails": [
    { "tenantId": "string", "amount": "number" }
  ]
}
```

### Security Deposit

- **GET** `/api/landlord/security-deposit/:agreementId`
    - **Purpose:** Get security deposit details
    - **Payload:** No body required
- 

## PROPERTY POSTING & MANAGEMENT

### Property Creation

- **POST** `/api/landlord/property`
  - **Purpose:** Create new property listing
  - **Payload:** `landlordPropertyPayload`

```
json

{
  "name": "string",
  "location": "string",
  "rent": "number",
  "purchaseType": "string",
  "furnishing": "string",
  "area": "number",
  "availableFrom": "YYYY-MM-DD",
  "tenantType": "string"
}
```

### Property Details

- **POST** `/api/landlord/property-description`
  - **Purpose:** Add property description
  - **Payload:** `landlordPropertyDescriptionPayload`

```
json

{
  "propertyId": "string",
  "description": "string"
}
```

- **POST** `/api/landlord/property-images`
  - **Purpose:** Upload property images
  - **Payload:** `landlordPropertyImagesPayload`

```
json
```

```
{
  "propertyId": "string",
  "images": ["file", "file", "file"]
}
```

## Tenant Preferences

- **POST** `/api/landlord/tenant-preference`
  - **Purpose:** Set tenant preferences
  - **Payload:** `landlordTenantPreferencePayload`

```
json
{
  "propertyId": "string",
  "preferences": {
    "gender": "string",
    "occupantType": "string",
    "leaseDuration": "string",
    "language": "string",
    "petsAllowed": true,
    "smokingAllowed": false,
    "coupleFriendly": true
  }
}
```

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## LANDLORD CHAT MANAGEMENT

### Conversation Management

- **GET** `/api/chat/conversations`
  - **Purpose:** Fetch all conversations for landlord
  - **Response:**

```
json
```

```
[
  {
    "conversationId": "c123",
    "contactName": "Ravi Kumar",
    "lastMessage": "Hello!",
    "lastMessageTime": "2025-08-08T10:30:00Z",
    "unreadCount": 2,
    "status": "online"
  }
]
```

- **GET** `/api/chat/conversations/:conversationId/messages`
  - **Purpose:** Fetch messages in specific conversation
  - **Response:**

```
json

[
  {
    "messageId": "m001",
    "senderId": "landlord123",
    "receiverId": "tenant456",
    "message": "Hi, is the rent paid?",
    "timestamp": "2025-08-08T10:32:00Z",
    "status": "read"
  }
]
```

- **POST** `/api/chat/conversations`
  - **Purpose:** Start new conversation
  - **Payload:** `newConversationPayload`

```
json

{
  "contactId": "tenant456",
  "initialMessage": "Hello, I am your landlord."
}
```

- **DELETE** `/api/chat/conversations/:conversationId`
  - **Purpose:** Delete/close conversation
  - **Payload:** No body required

## Message Management

- **POST** `/api/chat/messages`

- **Purpose:** Send message in conversation

- **Payload:** chatMessagePayload

```
json
{
  "conversationId": "c123",
  "senderId": "landlord123",
  "message": "Please schedule the maintenance tomorrow."
}
```

- **PATCH** /api/chat/messages/:messageId/read

- **Purpose:** Mark message as read

- **Payload:** messageReadPayload

```
json
{
  "readerId": "landlord123"
}
```

## Contacts & Notifications

- **GET** /api/chat/contacts

- **Purpose:** Fetch possible chat contacts

- **Response:**

```
json
[
  {
    "contactId": "tenant456",
    "name": "Rajesh Singh",
    "status": "online"
  },
  {
    "contactId": "agent789",
    "name": "Property Agent",
    "status": "offline"
  }
]
```

- **GET** /api/chat/unread-count

- **Purpose:** Fetch unread message count per conversation

- **Response:**

```
json
```

```
[
  {
    "conversationId": "c123",
    "unreadCount": 3
  },
  {
    "conversationId": "c124",
    "unreadCount": 0
  }
]
```

## TENANT LEASE MANAGEMENT

### Current Lease Information

- **GET** `/api/tenant/lease`
  - **Purpose:** Get current lease details
  - **Response:**

```
json
{
  "leaseId": "LSE12345",
  "propertyName": "Lavender Manor",
  "leaseEndingInDays": 45,
  "status": "Renewal Pending",
  "rent": 25000,
  "deposit": 200000
}
```

### Lease Renewal Process

- **POST** `/api/tenant/renewal-request`
  - **Purpose:** Request lease renewal
  - **Payload:** `tenantRenewalRequestPayload`

```
json
{
  "leaseId": "LSE12345",
  "requestedRent": 25500,
  "requestedDurationMonths": 12
}
```

- **GET** `/api/tenant/renewal-status`

- **Purpose:** Get renewal request status
- **Response:**

```
json
{
  "status": "Under Review",
  "steps": [
    {
      "step": "Request Submitted",
      "date": "2025-02-05"
    },
    {
      "step": "Under Review",
      "date": "2025-02-06"
    }
  ]
}
```

## Vacancy Planning

- **GET** `/api/tenant/vacancy-forecast`
  - **Purpose:** Get vacancy forecast and alternative suggestions
  - **Response:**

```
json
{
  "currentProperty": "Lavender Manor",
  "suggestions": [
    {
      "propertyId": "PROP001",
      "name": "Sun Tower",
      "rent": 24000,
      "location": "Mumbai"
    }
  ]
}
```

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## GENERAL APIS

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### SUBSCRIPTION & PLANS MANAGEMENT

#### Plan Categories & Selection



- **GET** `/api/subscriptions/categories`
  - **Purpose:** Load all subscription categories
  - **Payload:** No body required
- **GET** `/api/subscriptions/category/:categoryId/plans`
  - **Purpose:** Fetch all plans for a specific category
  - **Response:**

```
json
[
  {
    "planId": "PLAN_001",
    "name": "Exclusive Access",
    "price": 1999,
    "features": ["Full Property Access", "Priority Support"]
  }
]
```

- **GET** `/api/subscriptions/plan/:planId`
  - **Purpose:** Get full details for a single plan
  - **Payload:** No body required
- **GET** `/api/subscriptions/plans`
  - **Purpose:** Get all available subscription plans
  - **Payload:** No body required

## Plan Selection & Payment

- **POST** `/api/subscriptions/select-plan`
  - **Purpose:** Select a plan before payment
  - **Payload:** `planSelectionPayload`

```
json
{
  "planId": "PLAN_PRO_001",
  "userId": "USER123"
}
```

- **GET** `/api/payments/methods`
  - **Purpose:** Retrieve available payment methods
  - **Payload:** No body required
- **POST** `/api/subscriptions/confirm`
  - **Purpose:** Confirm subscription and process payment

- **Payload:** subscriptionConfirmPayload

json

```
{
  "planId": "PLAN_PRO_001",
  "userId": "USER123",
  "paymentMethod": "credit_card",
  "paymentDetails": {
    "cardNumber": "**** * 4242",
    "expiry": "12/28",
    "cvv": "****"
  }
}
```

## Subscription Management

- **GET** /api/subscriptions/user-active-plan
  - **Purpose:** Get user's currently active plan
  - **Payload:** No body required
- **GET** /api/subscriptions/user/:userId/active
  - **Purpose:** Show user their currently active plan
  - **Payload:** No body required
- **POST** /api/subscriptions/cancel
  - **Purpose:** Cancel an active subscription plan
  - **Payload:** subscriptionCancelPayload

json

```
{
  "subscriptionId": "SUBS_001",
  "userId": "USER123",
  "reason": "No longer needed"
}
```