

TEMP

auth controller

Endpoint	Description	Example Request	Example Response
POST <code>/api/auth/signup</code>	Registers a new user. Requires <code>CAN_CREATE_VENDOR</code> .	<pre>json\n{\n "email": "user@example.com",\n "password": "password123",\n "vendorId": 1\n}</pre>	<pre>json\n{\n "userId": 1,\n "email": "user@example.com",\n "vendorId": 1,\n "status": "ACTIVE",\n "createdAt": "2025- 11-10T16:17:57"\n}</pre>
POST <code>/api/auth/login</code>	Authenticates a user and returns a JWT token.	<pre>json\n{\n "email": "user@example.com",\n "password": "password123"\n}</pre>	<pre>json\n{\n "token": "jwt-token",\n "email": "user@example.com",\n "vendorId": 1,\n "vendorLevel": "REGIONAL",\n "role": "ADMIN",\n "permissions": []\n}</pre>
GET <code>/api/auth/me</code>	Retrieves the current authenticated user's details.	N/A	<pre>json\n{\n "role": "ADMIN",\n "vendorId": 1,\n "vendorLevel": "REGIONAL",\n "permissions": [],\n "email": "user@example.com"\n}</pre>
POST <code>/api/auth/assign-role/{userId}</code>	Assigns a role to a user. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	N/A (Uses path variable and query param)	<pre>json\n{\n ✓ Role ADMIN assigned to vendor VendorName\n}</pre>
PUT <code>/api/auth/change-password</code>	Changes the password for the current authenticated user.	<pre>json\n{\n "oldPassword": "oldPassword123",\n "newPassword": "newPassword123"\n}</pre>	<pre>json\n{\n ✓ Password changed successfully!\n}</pre>
POST <code>/api/auth/forgot-password</code>	Initiates a password reset process (implementation pending).	N/A	<pre>json\n{\n "forgot-password ok"\n}</pre>

VendorController API

Endpoint	Description	Example Request	Example Response
POST <code>/api/vendors/create</code>	Creates a new vendor. Requires <code>CAN_CREATE_VENDOR</code> .	<pre>json\n{\n "name": "VendorName",\n "region": "Region",\n "level": "REGIONAL",\n "status": "ACTIVE"\n}</pre>	<pre>json\n{\n "vendorId": 1,\n "name": "VendorName",\n "region": "Region",\n "level": "REGIONAL",\n "status": "ACTIVE"\n}</pre>
GET <code>/api/vendors/{id}</code>	Fetches a single vendor by ID. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n "vendorId": 1,\n "name": "VendorName",\n "region": "Region",\n "level": "REGIONAL",\n "status": "ACTIVE"\n}</pre>
GET <code>/api/vendors/list</code>	Lists all vendors accessible to the current user.	N/A	<pre>json\n{\n {\n "vendorId": 1,\n "name": "VendorName",\n "region": "Region",\n "level": "REGIONAL",\n "status": "ACTIVE"\n }\n}</pre>
PUT <code>/api/vendors/{vendorId}/parent</code>	Reassigns vendor under a new parent. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	N/A (Uses path variable and query param)	<pre>json\n{\n "vendorId": 1,\n "name": "VendorName",\n "region": "Region",\n "level": "REGIONAL",\n "status": "ACTIVE"\n}</pre>
PUT <code>/api/vendors/{vendorId}/block</code>	Blocks vendor and its subtree. Requires <code>CAN_BLOCK_VENDOR</code> .	N/A	<pre>json\n{\n ☹ Vendor and subtree blocked successfully!\n}</pre>
PUT <code>/api/vendors/{vendorId}/unblock</code>	Unblocks vendor and subtree. Requires <code>CAN_BLOCK_VENDOR</code> .	N/A	<pre>json\n{\n 🟢 Vendor and subtree unblocked successfully!\n}</pre>
DELETE <code>/api/vendors/{vendorId}</code>	Soft deletes a vendor. Requires <code>CAN_BLOCK_VENDOR</code> .	N/A	<pre>json\n{\n 🗑 Vendor soft-deleted successfully!\n}</pre>
GET <code>/api/vendors/permissions/{vendorId}</code>	Fetches permissions assigned to a vendor. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n {\n "permissionId": 1,\n "name": "CAN_VIEW_VENDOR",\n "description": "Allows viewing vendor details"\n }\n}</pre>

DriverController API

Endpoint	Description	Example Request	Example Response
POST <code>/api/drivers/add</code>	Adds a driver. Requires <code>CAN_ADD_DRIVER</code> .	<pre>json\n{\n "name": "DriverName",\n "licenseNo": "DL12345",\n "phone": "1234567890"\n}\n</pre>	<pre>json\n{\n "driverId": 1,\n "name": "DriverName",\n "licenseNo": "DL12345",\n "phone": "1234567890",\n "status": "ACTIVE"\n}\n</pre>
GET <code>/api/drivers/list</code>	Lists all drivers under the current vendor.	N/A	<pre>json\n{\n {\n "driverId": 1,\n "name": "DriverName",\n "licenseNo": "DL12345",\n "phone": "1234567890",\n "status": "ACTIVE"\n }\n}\n</pre>
GET <code>/api/drivers/{id}</code>	Fetches driver details. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n "driverId": 1,\n "name": "DriverName",\n "licenseNo": "DL12345",\n "phone": "1234567890",\n "status": "ACTIVE"\n}\n</pre>
PUT <code>/api/drivers/{id}/update</code>	Updates driver details. Requires <code>CAN_ADD_DRIVER</code> .	<pre>json\n{\n "name": "DriverName",\n "licenseNo": "DL12345",\n "phone": "1234567890"\n}\n</pre>	<pre>json\n{\n "driverId": 1,\n "name": "DriverName",\n "licenseNo": "DL12345",\n "phone": "1234567890",\n "status": "ACTIVE"\n}\n</pre>
PUT <code>/api/drivers/{id}/status/{status}</code>	Changes driver status. Requires <code>CAN_ADD_DRIVER</code> .	N/A (Uses path variable)	<pre>json\n{\n "driverId": 1,\n "name": "DriverName",\n "status": "INACTIVE"\n}\n</pre>
DELETE <code>/api/drivers/{id}</code>	Soft deletes a driver. Requires <code>CAN_ADD_DRIVER</code> .	N/A	<pre>json\n{\n "Driver soft-deleted successfully!"\n}</pre>

VehicleController API

Endpoint	Description	Example Request	Example Response
POST <code>/api/vehicles/add</code>	Adds a vehicle. Requires <code>CAN_ADD_DRIVER</code> .	<pre>json\n{\n "registrationNo": "MH12AB1234",\n "model": "Sedan",\n "type": "Car"\n}\n</pre>	<pre>json\n{\n "vehicleId": 1,\n "registrationNo": "MH12AB1234",\n "model": "Sedan",\n "type": "Car",\n "status": "ACTIVE"\n}\n</pre>
GET <code>/api/vehicles/list</code>	Lists all vehicles accessible to the current vendor.	N/A	<pre>json\n{\n {\n "vehicleId": 1,\n "registrationNo": "MH12AB1234",\n "model": "Sedan",\n "type": "Car",\n "status": "ACTIVE"\n }\n}\n</pre>
GET <code>/api/vehicles/{id}</code>	Fetches vehicle details. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n "vehicleId": 1,\n "registrationNo": "MH12AB1234",\n "model": "Sedan",\n "type": "Car",\n "status": "ACTIVE"\n}\n</pre>
PUT <code>/api/vehicles/{id}/update</code>	Updates vehicle details. Requires <code>CAN_ADD_DRIVER</code> .	<pre>json\n{\n "registrationNo": "MH12AB1234",\n "model": "Sedan",\n "type": "Car"\n}\n</pre>	<pre>json\n{\n "vehicleId": 1,\n "registrationNo": "MH12AB1234",\n "model": "Sedan",\n "type": "Car",\n "status": "ACTIVE"\n}\n</pre>
PUT <code>/api/vehicles/{id}/status/{status}</code>	Changes vehicle status. Requires <code>CAN_ADD_DRIVER</code> .	N/A (Uses path variable)	<pre>json\n{\n "vehicleId": 1,\n "registrationNo": "MH12AB1234",\n "status": "INACTIVE"\n}\n</pre>
DELETE <code>/api/vehicles/{id}</code>	Soft deletes a vehicle. Requires <code>CAN_ADD_DRIVER</code> .	N/A	<pre>json\n{\n "Vehicle soft-deleted successfully!"\n}</pre>

RoleController API

Endpoint	Description	Example Request	Example Response
POST <code>/api/roles/create</code>	Creates a new role. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n{\n "name": "ADMIN",\n "description": "Administrator role"\n}\n</pre>	<pre>json\n{\n "roleId": 1,\n "name": "ADMIN",\n "description": "Administrator role",\n "permissions": [],\n "createdAt": "2025-11- 10T16:26:08"\n}\n</pre>

Endpoint	Description	Example Request	Example Response
GET <code>/api/roles/list</code>	Retrieves all roles. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n \"roleId\": 1,\n \"name\": \"ADMIN\",\n \"description\": \"Administrator role\",\n \"permissions\": []\n}\n\n</pre>
GET <code>/api/roles/{roleId}</code>	Retrieves a specific role by ID. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n \"roleId\": 1,\n \"name\": \"ADMIN\",\n \"description\": \"Administrator role\",\n \"permissions\": []\n}\n\n</pre>
PUT <code>/api/roles/{roleId}</code>	Updates role info. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n{\n \"name\": \"ADMIN\",\n \"description\": \"Updated description\"\n}\n\n</pre>	<pre>json\n{\n \"roleId\": 1,\n \"name\": \"ADMIN\",\n \"description\": \"Updated description\",\n \"permissions\": []\n}\n\n</pre>
PUT <code>/api/roles/{roleId}/permissions</code>	Updates role permissions. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n[\n 1,\n 2,\n 3\n]\n\n</pre>	<pre>json\n{\n \"roleId\": 1,\n \"name\": \"ADMIN\",\n \"permissions\": [\"CAN_VIEW_VENDOR\", \"CAN_MANAGE_PERMISSIONS\"]\n}\n\n</pre>
POST <code>/api/roles/{roleId}/permissions/add</code>	Adds permissions to a role. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n[\n 1,\n 2\n]\n\n</pre>	<pre>json\n{\n \"roleId\": 1,\n \"name\": \"ADMIN\",\n \"permissions\": [\"CAN_VIEW_VENDOR\", \"CAN_MANAGE_PERMISSIONS\"]\n}\n\n</pre>
DELETE <code>/api/roles/{roleId}/permissions/remove</code>	Removes permissions from a role. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n[\n 1\n]\n\n</pre>	<pre>json\n{\n \"roleId\": 1,\n \"name\": \"ADMIN\",\n \"permissions\": [\"CAN_MANAGE_PERMISSIONS\"]\n}\n\n</pre>
DELETE <code>/api/roles/{roleId}</code>	Soft deletes a role. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	N/A	<pre>json\n{\n \"message\": \"Role deleted successfully!\"\n}\n\n</pre>

PermissionController API

Endpoint	Description	Example Request	Example Response
POST <code>/api/permissions/create</code>	Creates a new permission. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n{\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n}\n\n</pre>	<pre>json\n{\n \"permissionId\": 1,\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n}\n\n</pre>
GET <code>/api/permissions/list</code>	Retrieves all permissions. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n[\n {\n \"permissionId\": 1,\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n }\n]\n\n</pre>
GET <code>/api/permissions/{permissionId}</code>	Retrieves a specific permission by ID. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n{\n \"permissionId\": 1,\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n}\n\n</pre>
PUT <code>/api/permissions/{permissionId}</code>	Updates permission details. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n{\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Updated description\"\n}\n\n</pre>	<pre>json\n{\n \"permissionId\": 1,\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Updated description\"\n}\n\n</pre>
DELETE <code>/api/permissions/{permissionId}</code>	Deletes a permission. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	N/A	<pre>json\n{\n \"message\": \"Permission deleted successfully!\"\n}\n\n</pre>
GET <code>/api/permissions/role/{roleId}</code>	Retrieves permissions assigned to a specific role. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<pre>json\n[\n {\n \"permissionId\": 1,\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n }\n]\n\n</pre>
POST <code>/api/permissions/bulk-create</code>	Bulk creates permissions. Useful during setup. Requires <code>CAN_MANAGE_PERMISSIONS</code> .	<pre>json\n[\n {\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n }\n]\n\n</pre>	<pre>json\n[\n {\n \"permissionId\": 1,\n \"name\": \"CAN_VIEW_VENDOR\",\n \"description\": \"Allows viewing vendor details\"\n }\n]\n\n</pre>

Endpoint	Description	Example Request	Example Response
		viewing vendor details"\n}\n}\n	"description": "Allows viewing vendor details"\n }\n}\n

DocumentController API

Endpoint	Description	Example Request	Example Response
POST /api/documents/upload	Uploads a document. Requires CAN_UPLOAD_DOC .	Multipart form-data with fields: file , type , vendorId , driverId , vehicleId , expiryDate	json\n{"fileName": "filePa", "upload": "/upload", "type": "PENDING", "expiry": "2025-10T16:01", "driver": "dr", "vehicle": "vehicl"}
GET /api/documents/download/{id}	Downloads a document. Requires CAN_VIEW_VENDOR .	N/A	Binary content
GET /api/documents/list/{vendorId}	Lists documents for a vendor. Requires CAN_VIEW_VENDOR .	N/A	json\n{"file": "fil", "fileName": "filePa", "upload": "/upload", "type": "PENDING", "expiry": "2025-10T16:01", "driver": "dr", "vehicle": "vehicl"}
PUT /api/documents/{id}/verify	Verifies a document. Requires CAN_VERIFY_DOC .	N/A	json\n{"status": "status"}
PUT /api/documents/{id}/reject	Rejects a document. Requires CAN_VERIFY_DOC .	N/A	json\n{"status": "status"}
GET /api/documents/expired	Lists expired documents. Requires CAN_VIEW_VENDOR .	N/A	json\n{"file": "fil", "expiry": "2025-10T16:01"}
GET /api/documents/vendor/{vendorId}	Fetches vendor-level documents. Requires CAN_VIEW_VENDOR .	N/A	json\n{"file": "fil", "vendor": "vendc"}
GET /api/documents/driver/{driverId}	Fetches driver-level documents. Requires CAN_VIEW_VENDOR .	N/A	json\n{"file": "fil", "driver": "driver"}
GET /api/documents/vehicle/{vehicleId}	Fetches vehicle-level documents. Requires CAN_VIEW_VENDOR .	N/A	json\n{"file": "fil", "vehicle": "vehicl"}

HierarchyController API

Endpoint	Description	Example Request	Example Response
GET /api/hierarchy/{vendorId}	Retrieves the full vendor hierarchy tree. Requires CAN_VIEW_VENDOR .	N/A	json\n{"vendorId": 1, "vendorName": "VendorName", "status": "ACTIVE", "drivers": [], "vehicles": [], "children": []}\n
GET /api/hierarchy/stats/{vendorId}	Retrieves hierarchy statistics. Requires CAN_VIEW_VENDOR .	N/A	json\n{"totalVendors": 10, "totalDrivers": 50, "totalVehicles": 30, "blockedVendors": 2, "inactiveDrivers": 5, "inactiveVehicles": 3}\n

NotificationController API

Endpoint	Description	Example Request	Example Response
GET <code>/api/notifications/list</code>	Lists all notifications.	N/A	<code>json\n"notifications list ok"\n</code>
POST <code>/api/notifications/send</code>	Sends a notification.	N/A	<code>json\n"notifications send ok"\n</code>
GET <code>/api/notifications/unread</code>	Retrieves unread notifications.	N/A	<code>json\n"notifications unread ok"\n</code>
PUT <code>/api/notifications/mark-read/{id}</code>	Marks a notification as read.	N/A (Uses path variable)	<code>json\n"notifications mark-read ok: 1"\n</code>
GET <code>/api/notifications/expiring-docs</code>	Retrieves notifications for expiring documents.	N/A	<code>json\n"notifications expiring-docs ok"\n</code>
POST <code>/api/notifications/broadcast</code>	Broadcasts a notification to all users.	N/A	<code>json\n"notifications broadcast ok"\n</code>

ActivityController API

Endpoint	Description	Example Request	Example Response
GET <code>/api/activity</code>	Lists activity logs for the current vendor. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	<code>json\n[\n {\n "logId": 1,\n "userId": 1,\n "vendorId": 1,\n "action": "Document Deleted",\n "details": "Deleted expired document",\n "timestamp": "2025-11-10T16:32:07"\n }\n]\n</code>