

TEMP

auth controller

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

VendorController API

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

DriverController API

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

VehicleController API

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

RoleController API

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

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

PermissionController API

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

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 <code>CAN_UPLOAD_DOC</code> .	Multipart form-data with fields: <code>file</code> , <code>type</code> , <code>vendorId</code> , <code>driverId</code> , <code>vehicleId</code> , <code>expiryDate</code>	json\n"fileName"\n"filePath"\n"/upload"\n"type":\n"PENDI\n"2025-\n"expiry\n10T16:2\n1,\n"dr\n"vehicl
GET /api/documents/download/{id}	Downloads a document. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	Binary content
GET /api/documents/list/{vendorId}	Lists documents for a vendor. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n1,\n"fil\n"filePa\n"/uploa\n"type":\n"PENDI\n"2025-\n"expiry\n10T16:2\n1,\n"dr\n"vehicl
PUT /api/documents/{id}/verify	Verifies a document. Requires <code>CAN_VERIFY_DOC</code> .	N/A	json\n"status
PUT /api/documents/{id}/reject	Rejects a document. Requires <code>CAN_VERIFY_DOC</code> .	N/A	json\n"status
GET /api/documents/expired	Lists expired documents. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n1,\n"fil\n"expiry\n10T16:
GET /api/documents/vendor/{vendorId}	Fetches vendor-level documents. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n1,\n"fil\n"vendo
GET /api/documents/driver/{driverId}	Fetches driver-level documents. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n1,\n"fil\n"driver
GET /api/documents/vehicle/{vehicleId}	Fetches vehicle-level documents. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n1,\n"fil\n"vehicl

HierarchyController API

Endpoint	Description	Example Request	Example Response
GET /api/hierarchy/{vendorId}	Retrieves the full vendor hierarchy tree. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n{\n"vendorId": 1,\n"vendorName":\n"VendorName",\n"status": "ACTIVE",\n"drivers": [],\n"vehicles": [],\n"children":\n[]\n}\n
GET /api/hierarchy/stats/{vendorId}	Retrieves hierarchy statistics. Requires <code>CAN_VIEW_VENDOR</code> .	N/A	json\n{\n"totalVendors": 10,\n"totalDrivers":\n50,\n"totalVehicles": 30,\n"blockedVendors":\n2,\n"inactiveDrivers": 5,\n"inactiveVehicles":\n3\n}\n

NotificationController API

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

ActivityController API

Endpoint	Description	Example Request	Example Response
GET /api/activity	Lists activity logs for the current vendor. Requires CAN_VIEW_VENDOR .	N/A	json\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