API Endpoints Summary

# 🔐 Authentication & Users

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Method | Path | Description | View/Class | Auth Required | Request Params | Response |
| POST | /api/register/ | Register a new user | RegisterView | No | JSON: email, password, phone\_number, first\_name, last\_name, national\_id | 201: user data or errors |
| POST | /api/login/ | Obtain JWT token | TokenObtainPairView | No | JSON: email, password | 200: access/refresh tokens |
| POST | /api/token/refresh/ | Refresh JWT token | TokenRefreshView | No | JSON: refresh token | 200: new access token |
| GET | /api/users/ | List all users (admin) | UserViewSet | Admin Only | - | 200: list of users |
| POST | /api/users/ | Create user (admin) | UserViewSet | Admin Only | JSON: user fields | 201: user data |
| GET | /api/users/{id}/ | Retrieve user (admin) | UserViewSet | Admin Only | - | 200: user data |
| PUT | /api/users/{id}/ | Update user (admin) | UserViewSet | Admin Only | JSON: user fields | 200: user data |
| DELETE | /api/users/{id}/ | Delete user (admin) | UserViewSet | Admin Only | - | 204: no content |
| GET/POST/PUT/DELETE | /api/roles/ | CRUD for roles | RoleViewSet | No | JSON: role fields | 200/201/204 |
| GET/POST/PUT/DELETE | /api/user-roles/ | CRUD for user roles | UserRoleViewSet | Yes | JSON: user/role | 200/201/204 |
| POST | /api/assign-roles/ | Assign roles to user | AssignRolesAPIView | No | JSON: user\_id, role\_ids | 200: assigned roles |
| GET | /api/user-roles/{user\_id}/ | Get roles for user | UserRolesAPIView | No | - | 200: roles list |

# 🚗 Cars Management

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Method | Path | Description | View/Class | Auth Required | Request Params | Response |
| GET | /api/cars/ | List all cars | CarViewSet | No | - | 200: cars list |
| POST | /api/cars/ | Create a car | CarViewSet | No | JSON: car fields | 201: car data |
| GET | /api/cars/{id}/ | Retrieve car | CarViewSet | No | - | 200: car data |
| PUT | /api/cars/{id}/ | Update car | CarViewSet | No | JSON: car fields | 200: car data |
| DELETE | /api/cars/{id}/ | Delete car | CarViewSet | No | - | 204: no content |
| GET | /api/my-cars/ | List cars owned by user | MyCarsView | Yes | - | 200: cars list |
| GET/POST/PUT/DELETE | /api/car-rental-options/ | CRUD for rental options | CarRentalOptionsViewSet | Yes | JSON: rental options | 200/201/204 |
| PATCH | /api/car-rental-options/by-car/{car\_id}/ | Update by car id | CarRentalOptionsViewSet | Yes | JSON: fields | 200: updated data |
| GET/POST/PUT/DELETE | /api/car-usage-policy/ | CRUD for usage policy | CarUsagePolicyViewSet | Yes | JSON: usage policy | 200/201/204 |
| PATCH | /api/car-usage-policy/by-car/{car\_id}/ | Update by car id | CarUsagePolicyViewSet | Yes | JSON: fields | 200: updated data |
| GET/POST/PUT/DELETE | /api/car-stats/ | CRUD for car stats | CarStatsViewSet | Yes | JSON: stats | 200/201/204 |
| PATCH | /api/car-stats/by-car/{car\_id}/ | Update by car id | CarStatsViewSet | Yes | JSON: fields | 200: updated data |
| GET | /api/car-stats/by-car/{car\_id}/ | Get stats by car id | CarStatsViewSet | Yes | - | 200: stats data |
| GET | /api/car-stats/summary/ | Get summary stats | CarStatsViewSet | Yes | - | 200: summary data |
| POST | /api/cars/test-validation/ | Validate car data (not saved) | CarValidationTestView | Yes | JSON: stage, car data | 200: validation result |
| POST | /api/cars/test/basic-info/ | Test basic info validation | TestCarBasicInfoView | Yes | JSON: fields | 200: result |
| POST | /api/cars/test/rental-options/ | Test rental options validation | TestCarRentalOptionsView | Yes | JSON: fields | 200: result |
| POST | /api/cars/test/usage-policy/ | Test usage policy validation | TestCarUsagePolicyView | Yes | JSON: fields | 200: result |
| POST | /api/cars/test/complete/ | Test complete car validation | TestCompleteCarView | Yes | JSON: fields | 200: result |
| POST | /api/cars/test/plate-check/ | Quick plate number check | QuickPlateCheckView | Yes | JSON: plate\_number | 200: result |
| POST | /api/cars/test/pricing-suggestions/ | Get pricing suggestions | PricingSuggestionsView | Yes | JSON: car\_type, car\_category, year | 200: suggestions |