

Date: 2/23/2026

Module: Driver Profile CRUD API

Description:

Implemented full CRUD (Create, Read, Update, Delete) functionality for the Driver module in the Laravel backend API. Added RESTful endpoints to allow administrators to register new drivers, retrieve driver details, update driver information, delete driver records and restore records.

Technical Details:

- Created DriverController with create, read, update, delete, restore methods
- Defined API routes in api.php
- Implemented Role-Based Access Control (RBAC) to ensure that only authorized users can access or modify driver profile endpoints.
- Connected API endpoints to the drivers_profile table in MySQL.
- Tested endpoints using Postman.

Driver CRUD API documentation

Endpoints:

Create:

<http://rideguide.test/api/drivers/create-profile>

Read:

<http://rideguide.test/api/drivers/read-profile/{id}>

Update:

<http://rideguide.test/api/drivers/update-profile/{id}>

Delete:

<http://rideguide.test/api/drivers/delete-profile/{id}>

Restore:

<http://rideguide.test/api/drivers/restore-profile/{id}>

Access Levels

Bearer Token Admin = Full Access

Bearer Token Driver = Create, Read, Update

Bearer Token Commuter = None

READ [auth_api_endpoints.md](#) on how to get **BEARER TOKEN**

Create

The screenshot shows a REST client interface for the 'RideGuide API / Driver Profile / Create' endpoint. The request is a POST to '({API_URL})/create-profile' with a 'form-data' body. The body contains three fields: 'license_number' (D01-00-000000), 'franchise_number' (67676767), and 'verification_status' (unverified). The response is a 201 status code, indicating 'Created', with a response time of 134 ms and a body size of 604 B. The response body is in JSON format, showing a success message and the created driver profile details.

Key	Value	Description
license_number	D01-00-000000	
franchise_number	67676767	
verification_status	unverified	

```
{
  "message": "Driver profile created successfully",
  "driver_profile": {
    "user_id": "019c8a57-980d-715f-b7b6-67014c23b601",
    "license_number": "D01-00-000000",
    "franchise_number": "67676767",
    "verification_status": "unverified",
    "id": "019c8a58-ce5f-7360-8cad-889f67950f7e",
    "updated_at": "2026-02-23T11:53:21.000000Z",
    "created_at": "2026-02-23T11:53:21.000000Z"
  }
}
```

Read

POST LogcRideGPOST 2FAPOST RegPOST CreGET ReaDriverPUT UpdaDEL Soft CPUT RestcNo environment

RideGuide API / Driver Profile / Read

SaveShare

GET{{API_URL}}/read-profile/019c8a58-ce5f-7360-8cad-889f67950f7e

Send

DocsParamsAuthorizationHeaders (8)BodyScriptsSettingsCookies

Headers8 hidden

Key	Value	Description	Bulk Edit	Presets
Key	Value	Description		

BodyCookiesHeaders (10)Test Results200 OK453 ms513 BSave Response

JSONPreviewVisualize

```
1 {
2   "driver_profile": {
3     "id": "019c8a58-ce5f-7360-8cad-889f67950f7e",
4     "user_id": "019c8a57-980d-715f-b7b6-67014c23b601",
5     "license_number": "67676767",
6     "franchise_number": "67676766",
7     "verification_status": "verified",
8     "deleted_at": null,
9     "created_at": "2026-02-23T11:53:21.000000Z",
10    "updated_at": "2026-02-23T12:17:34.000000Z"
11  }
12 }
```

Update

POST LogcRideGPOST 2FAPOST RegPOST CreGET ReaDriverPUT UpdaDEL Soft CPUT RestcNo environment

RideGuide API / Driver Profile / Update

SaveShare

PUT{{API_URL}}/update-profile/019c8a58-ce5f-7360-8cad-889f67950f7e

Send

DocsParamsAuthorizationHeaders (11)BodyScriptsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQL

Key	Value	Description	Bulk Edit
<input checked="" type="checkbox"/> license_number	Text67676767		
<input checked="" type="checkbox"/> franchise_number	Text67676766		
<input checked="" type="checkbox"/> verification_status	Textverified		
Key	TextValue	Description	

BodyCookiesHeaders (10)Test Results200 OK238 ms544 BSave Response

JSONPreviewVisualize

```
1 {
2   "message": "Driver profile updated successfully",
3   "driver_profile": {
4     "id": "019c8a58-ce5f-7360-8cad-889f67950f7e",
5     "user_id": "019c8a57-980d-715f-b7b6-67014c23b601",
6     "license_number": "67676767",
7     "franchise_number": "67676766",
8     "verification_status": "verified",
9     "deleted_at": null,
10    "created_at": "2026-02-23T11:53:21.000000Z",
11    "updated_at": "2026-02-23T12:17:34.000000Z"
12  }
13 }
```

Delete

RideGuide API / Driver Profile / **Soft Delete**

DELETE {{API_URL}} /delete-profile/019c8a58-ce5f-7360-8cad-889f67950f7e

Auth Type: Bearer Token

Token: oHu3m7BNkJITGGZ49VIEDbe595c36

Body: {"message": "Driver profile deleted successfully"}

200 OK • 87 ms • 369 B

Restore

RideGuide API / Driver Profile / **Restore**

PUT {{API_URL}} /restore-profile/019c8a58-ce5f-7360-8cad-889f67950f7e

Auth Type: Bearer Token

Token: 2[u3hHIEgL1lbW1z8nZILoHu3m7BNkJ

Body: {"message": "Driver profile restored successfully", "driver_profile": {"id": "019c8a58-ce5f-7360-8cad-889f67950f7e", "user_id": "019c8a57-980d-715f-b7b6-67014c23b601", "license_number": "67676767", "franchise_number": "676767666", "verification_status": "verified", "deleted_at": null, "created_at": "2026-02-23T11:53:21.000000Z", "updated_at": "2026-02-23T12:50:27.000000Z"}}

200 OK • 67 ms • 543 B