API Documentation

TMS\_21 See assigned trips (for Driver)

Aim: See assigned trips for Driver

Purpose: A driver is to retrieve and display all trips that have been assigned to a particular driver. This function would typically query the database for trips where the specified driver is assigned and return a list of those trips.

1.First API end point: Here we access the first urls.py that is used for see assigned trips for Driverd etails

Request:

|  |  |
| --- | --- |
| **Method** | **URL** |
| **Get** | api/api/drivers/ |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {        "id": 2,      "driver\_id": "DR20240730152530CHDE",      "license\_number": "1324324",      "contact\_number": 2312435465,      "address": "kakinada",      "status": "active",      "aadhar\_number": 432436,      "user": 2  } |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 405  404 | **{error: Method not allow}**  {error:Not found.} |

2.Second API end point: Here we access the first urls.py that is used for see assigned trips(for Driver) details

Request:

|  |  |
| --- | --- |
| **Method** | **URL** |
| **Get** | api/api/drivers/2/trips/ |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {      "name": "d v",      "email": "",      "trips": [          {              "id": 1,              "trip\_id": "TR20240730161127FBDH",              "start\_time": "2024-07-30T10:43:34Z",              "end\_time": "2024-07-30T10:43:38Z",              "status": "pending",              "start\_latitude": 234.3,              "start\_longitude": 23.0,              "end\_latitude": 4322.0,              "end\_longitude": 5734.0,              "route\_id": 1,              "vehicle\_id": 1,              "driver\_id": 2          }, |

Request:

|  |  |
| --- | --- |
| **Method** | **URL** |
| **Post**  405 | api/api/drivers/2/trips/  error:  {      "detail": "Method \"POST\" not allowed."  } |

Conclusion:

critical tool for enhancing the operational efficiency and accountability of transport services. By providing drivers with a real-time view of their assigned trips, this API ensures that drivers are well-informed about their schedules and responsibilities. drivers can access detailed information about each trip, including pickup and drop-off locations, times, and any special instructions. This level of transparency helps drivers plan their routes more effectively, manage their time efficiently, and deliver better service.