API Documentation

TMS\_4 Employee Request API and Get Request status

Aim: Create API employee request Apl and get request status

Purpose: The Employee Request API allows employees to submit various types of requests. These requests can be related to transportation (e.g., pickup/drop-off)service the organization provides to its employees. Other Trip types like Escort, Multiple Day Trip, On Demand Trip.

1.First API end point: Here we access the first urls.py that is used for Employee Request API GET Request status details

Request:

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

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {          "id": 1,          "employee\_id": "101",          "contact\_number": 9390387668,          "address": "Rathod Nivas, Plot no:108, 2-23-59, 3rdFloor, Flatno:301, Sathavahana Nagar, KPHB Colony Near More Super market,Hyd,telangana-500072",          "aadhar\_number": 164859947433,          "location\_latitude": 21.6787,          "location\_longitude": 23.46584,          "user": 1      } |

2.second API end point: Here we access the first urls.py that is used for Employee Request API GET Request status details

Request:

|  |  |
| --- | --- |
| **Method** | **URL** |
| **Get** | api/employee/2/ |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {      "id": 2,      "employee\_id": "102",      "contact\_number": 46845704483,      "address": "Rathod Nivas, Plot no:128, 6-23-59, 3rdFloor, Flatno:301, Sathavahana Nagar, KPHB Colony Near More Super market,Hyd,telangana-500072",      "aadhar\_number": 465657878089,      "location\_latitude": 23.86775,      "location\_longitude": 42.354,      "user": 2  } |

## Response

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

3.Third API end point: Here we access the first urls.py that is used for Employee Request API GET Request status details

Request:

|  |  |
| --- | --- |
| **Method** | **URL** |
| **Get** | api/transport-requests/ |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {      "id": 2,      "employee\_id": "102",      "contact\_number": 46845704483,      "address": "Rathod Nivas, Plot no:128, 6-23-59, 3rdFloor, Flatno:301, Sathavahana Nagar, KPHB Colony Near More Super market,Hyd,telangana-500072",      "aadhar\_number": 465657878089,      "location\_latitude": 23.86775,      "location\_longitude": 42.354,      "user": 2  } |

4.Fourth API end point: Here we access the first urls.py that is used for Employee Request API GET Request status details

Request:

|  |  |
| --- | --- |
| **Method** | **URL** |
| **Post** | api/ transport-request /2/ |

## Request

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | {          "id": 2,          "request\_date": "2024-07-24T10:24:44.350790Z",          "scheduled\_date": "2024-07-24T10:24:35Z",          "type": "pickup",          "status": "pending",          "employee": 2      }, |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 405  400 | **{error: Method not allow}**  {"error":"Invalid database version.} |

Conclusion:

The conclusion of the Employee Request API and the Get Request Status API serve the efficiency and transparency of transport services within an organization. allows employees to easily submit requests for transportation services, specifying their employee ID, the type of service (pickup or drop), and the date. This streamlined process improves user convenience and ensures that transport requests are accurately recorded and managed.