TripRoute API Documentation

Description

This API is used for managing trip routes between drivers and riders using the Google Maps API. It is built using Node.js, React, and MongoDB.

Endpoints

POST /trip/drive

Description

This endpoint creates a new trip for a driver.

Request Body

Field	Type	Required	Description
startLocation	String	Yes	The starting location of the trip.
endLocation	String	Yes	The ending location of the trip.
date	Date	Yes	The date of the trip in the format **YYYY-MM-DD**.
time	String	Yes	The time of the trip in the format **HH:MM**.
price	Number	Yes	The price of the trip.
capacity	Number	Yes	The number of available seats in the vehicle.

Response

The response will contain the details of the created trip.

POST /trip/ride

Description

This endpoint creates a new trip for a rider.

Request Body

Field	Type	Required	Description
startLocation	String	Yes	The starting location of the trip.
endLocation	String	Yes	The ending location of the trip.
date	Date	Yes	The date of the trip in the format **YYYY-MM-DD**.
time	String	Yes	The time of the trip in the format **HH:MM**.
price	Number	Yes	The price of the trip.

Response

The response will contain the details of the created trip.

POST /trip/request
Description
This endpoint allows a rider to request a ride from a driver.

Request Body

Field	Type	Required	Description
tripId	String	Yes	The ID of the trip to request a ride for.
seats	Number	Yes	The number of seats the rider is requesting.

Response
The response will contain the details of the requested ride.

DELETE /trip
Description
This endpoint cancels a trip.
Request Body

Field	Type	Required	Description
tripId	String	Yes	The ID of the trip to cancel.

Response
The response will indicate whether the trip was successfully canceled.

POST /trip/done
Description
This endpoint marks a trip as completed.

Request Body

Field	Type	Required	Description
tripId	String	Yes	The ID of the trip to mark as completed.

Response
The response will indicate whether the trip was successfully marked as completed.

GET /trip/history
Description
This endpoint retrieves the trip history for a user.

Response
The response will contain the trip history for the user.

GET /trip/activetrip
Description
This endpoint retrieves the active trip for a user.

Response
The response will contain the active trip for the user.

GET /trip/isdriver
Description
This endpoint checks whether a user is a driver or not.

Response
The response will indicate whether the user is a driver or not.

POST /trips
Description
This endpoint retrieves all trips.

Response
The response will contain all the trips.

POST /drive/requests
Description
This endpoint retrieves all ride requests for a driver.

Response
The response will contain all the ride requests for the driver.