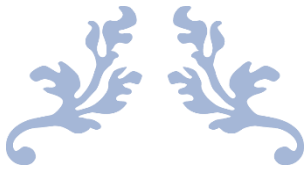

Ride sharing service

Using Java, Spring Boot, JPA, MySQL

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Ride sharing service

I did this project by using java, Spring Boot, JPA, MySQL. I implemented 4 microservices. Each Microserver can do some operation. I describe the operation in below step by stepThe

Following four microservices I implemented here.

1 Admin

2 Driver

3 Passenger

4 Trip

1.Admin microservice can do these operations

- Admin can see all Users list
- Admin can search User by ID.
- Admin can Search Users by User Type (example: Admin, Passenger, Driver).
- Admin can Delete Users.

2. Driver microservice can do these operations

- Driver can check Active Trip
- Driver can take a Trip
- Driver can end Trip

3. Passenger microservice can do these operations

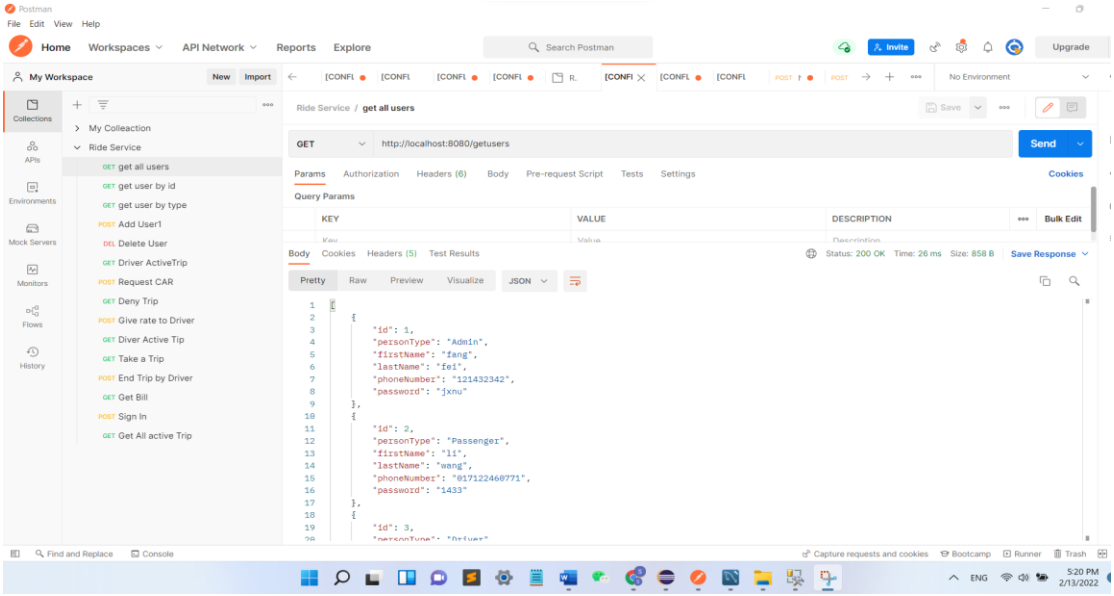
- Passenger can request for Car
- Passenger can Deny Trip
- Passengers can check active trips.
- Passengers can give rates to the driver.

4. Trip microservice can do these operations

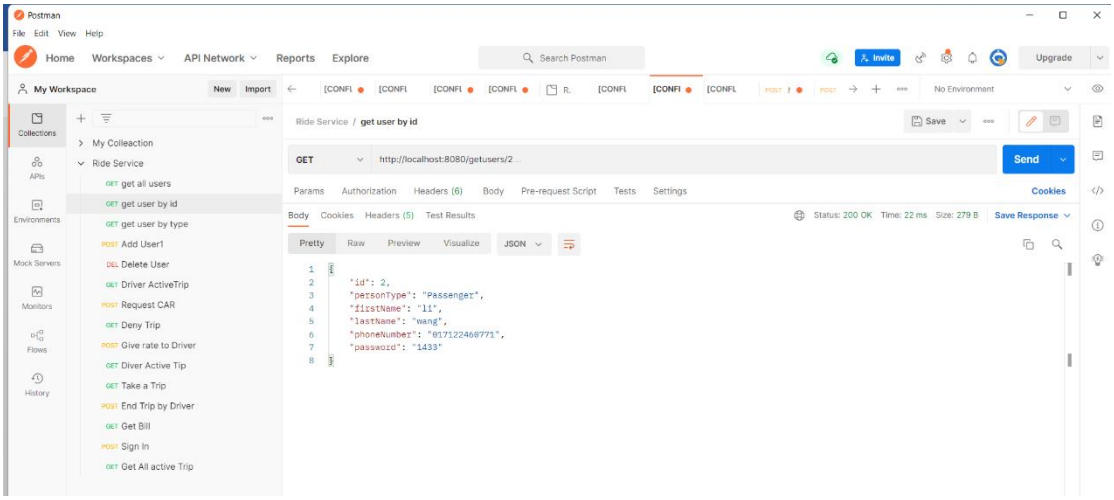
- Trip controller can make trip Bill
- Trip controller can check all the active trip
- Trip controller can give permission to user login.

Admin microservice

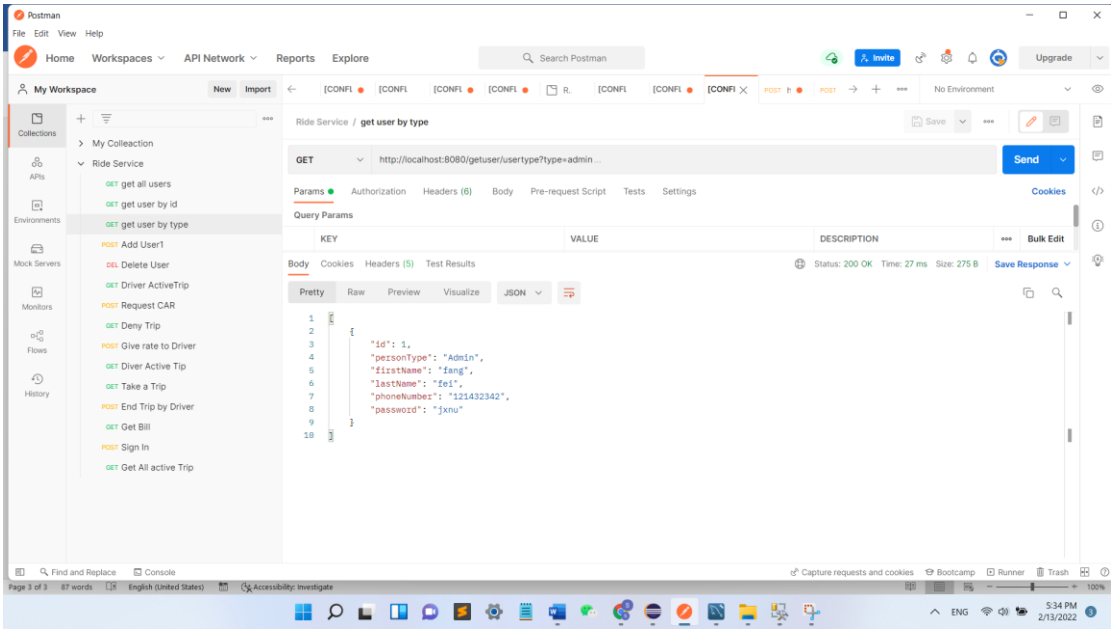
a) By the GET Method (http://localhost:8080/getusers) Admin can see All the the users



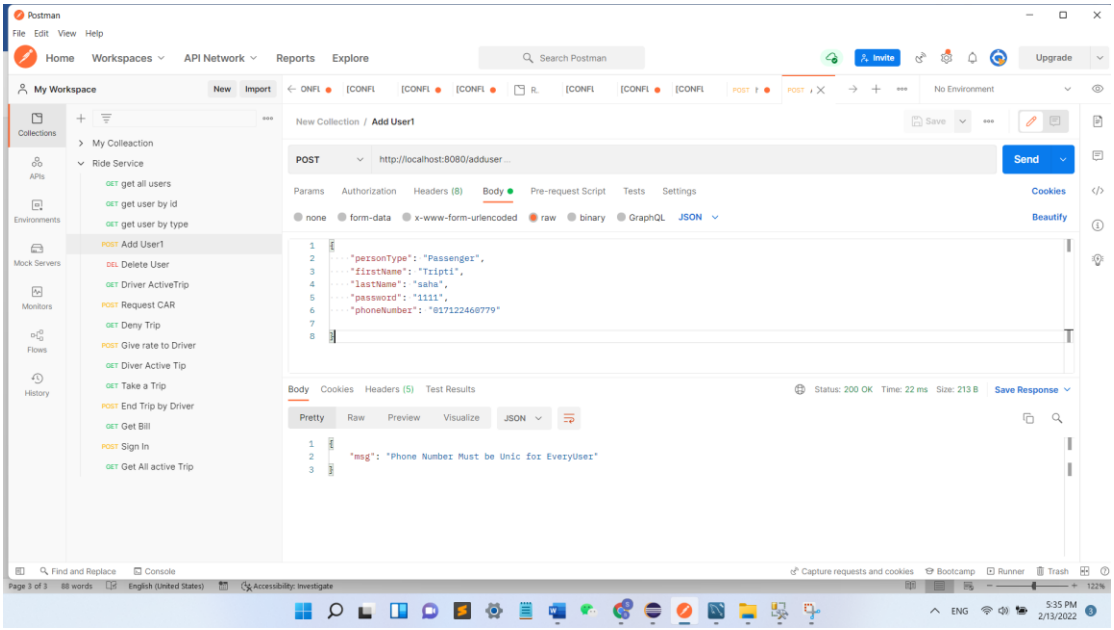
b) By the GET Method (http://localhost:8080/getusers/2) Admin can search users by ID.



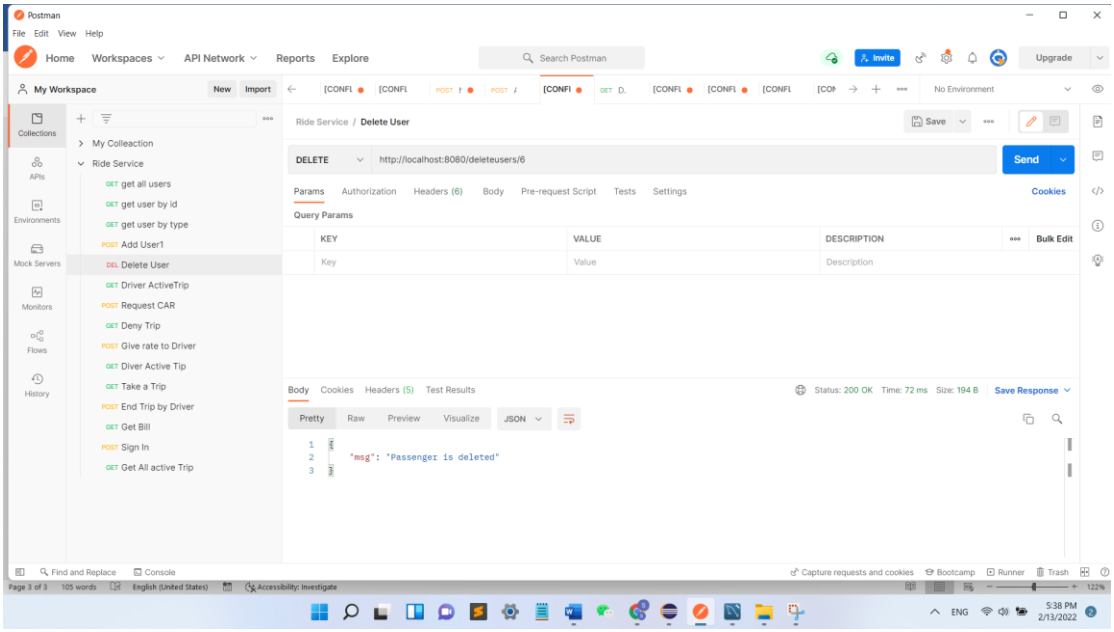
C)By the GET Method (http://localhost:8080/getusers/usertype?type=Admin) Admin can search users by Users Type.



d) By the POST Method (http://localhost:8080/adduser) Admin can add user by giving all the information request body.

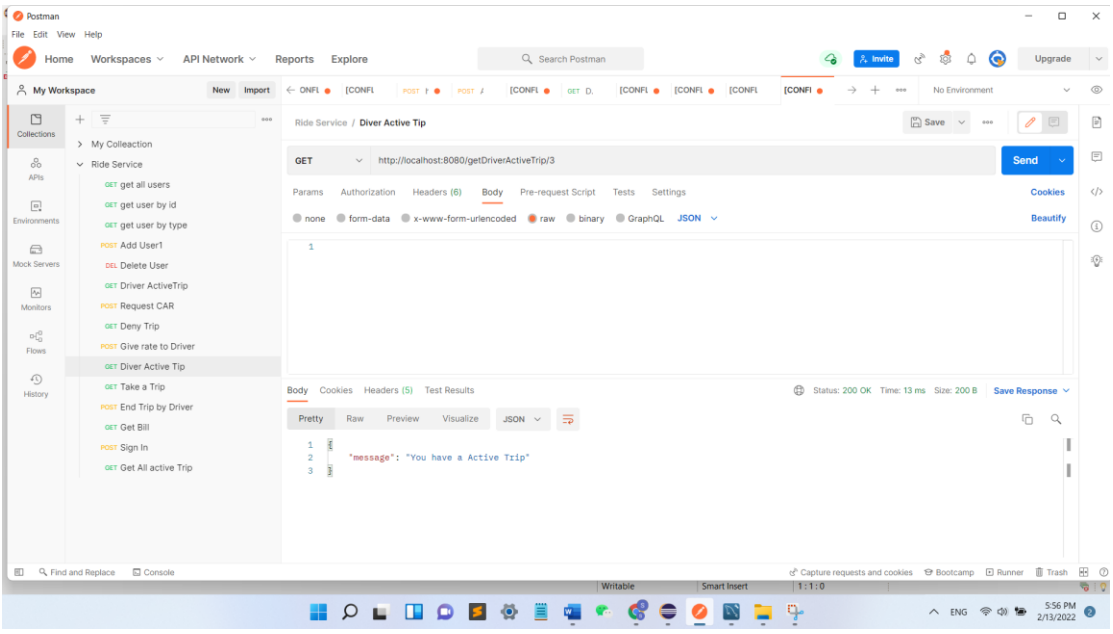


e) By the Delete Method (http://localhost:8080/deleteusers/6 (Id number)) Admin can delete users by the ID number.

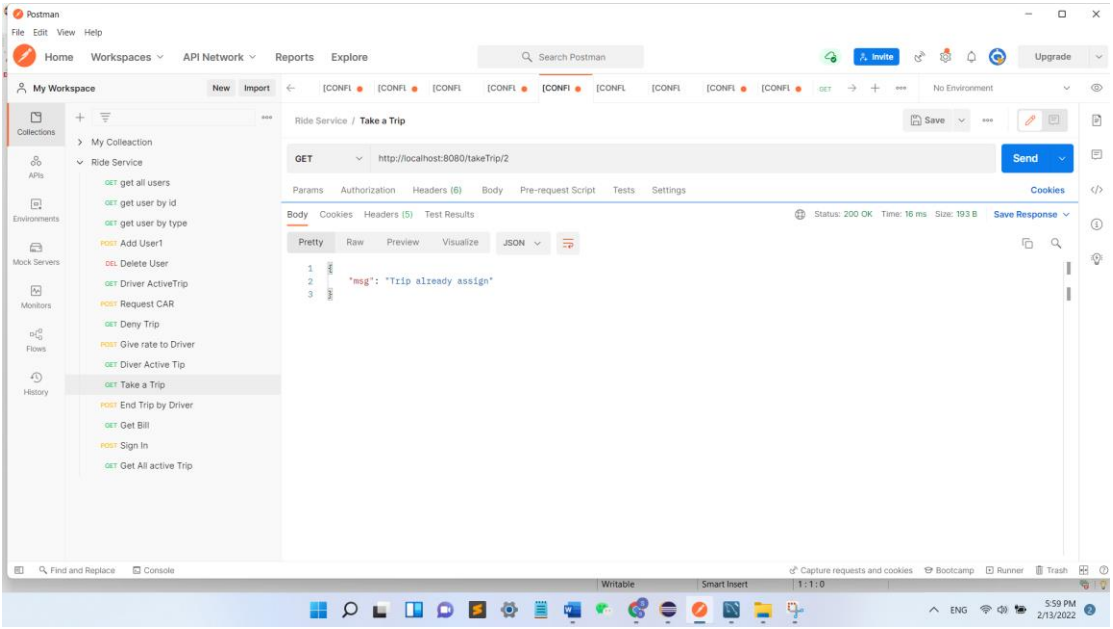


Driver microservice

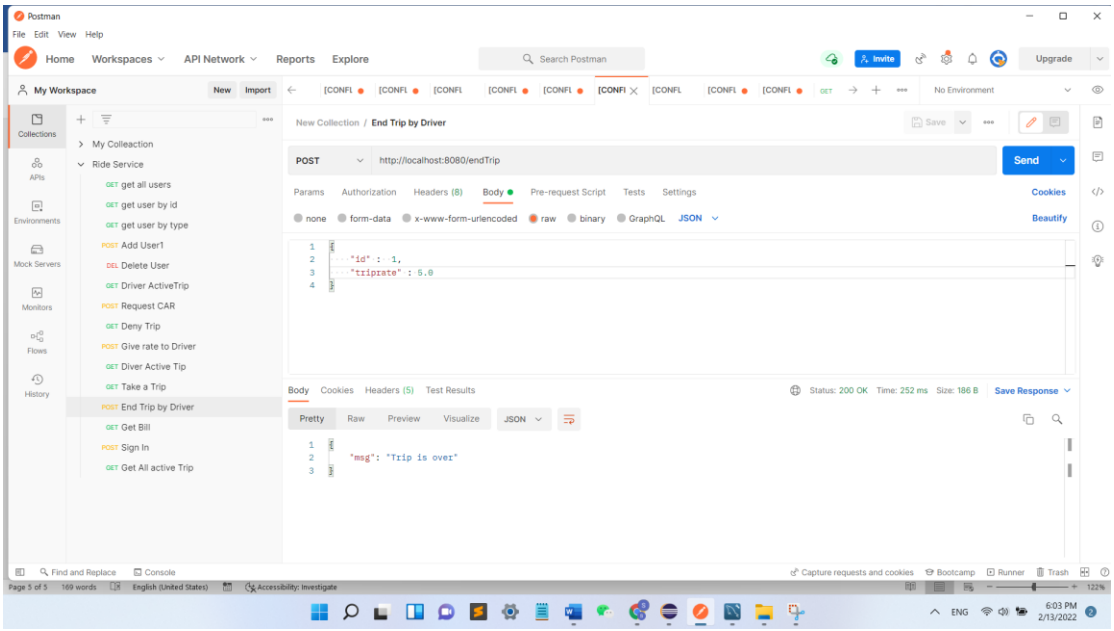
Driver: By using GET method (http://localhost:8080/getActiveTrip/1) driver can see active trip by using driver id.



Take Trip: By using GET Method(http://localhost:8080/TakeTrip/2) (Driver id) Driver can take a trip by using Trip ID.

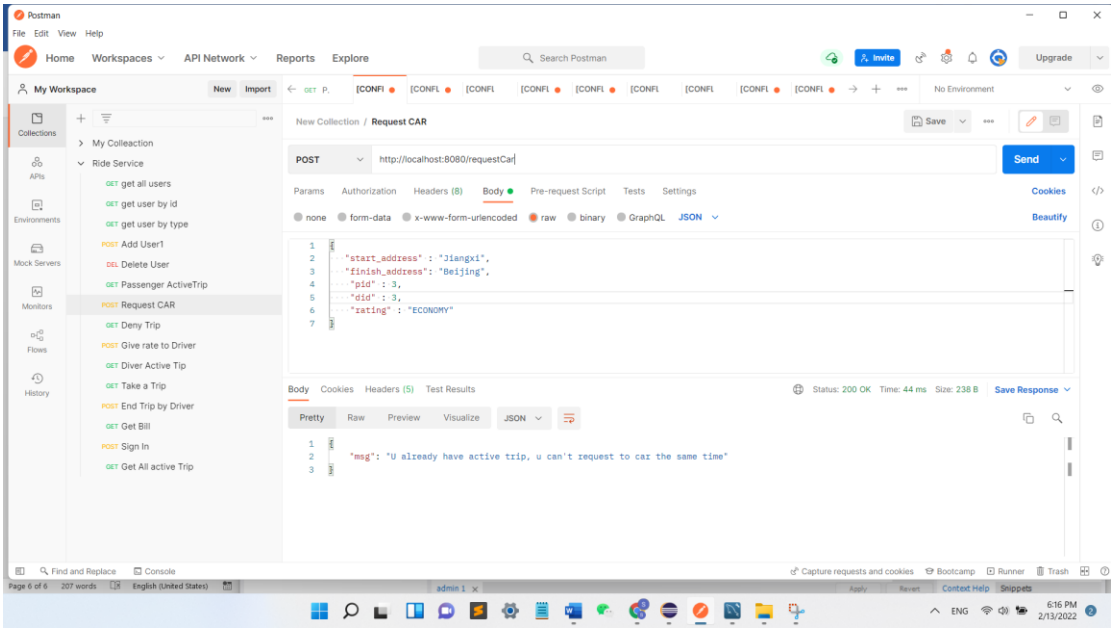


End Trip: Driver can end trip in by giving the trip id and trip rate in Request body.

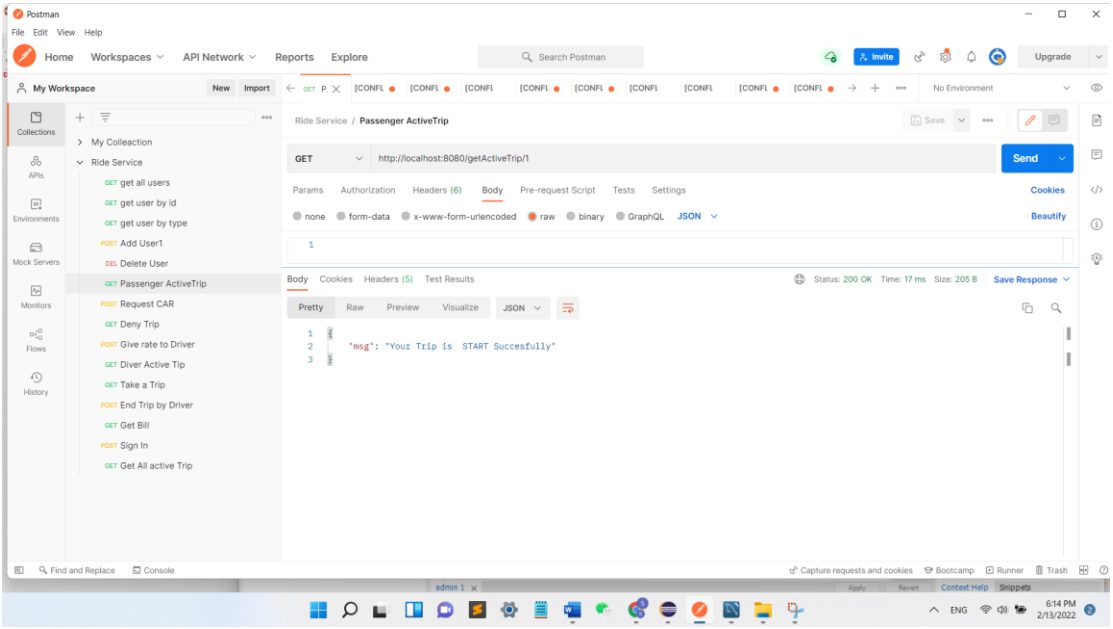


Passenger microservice

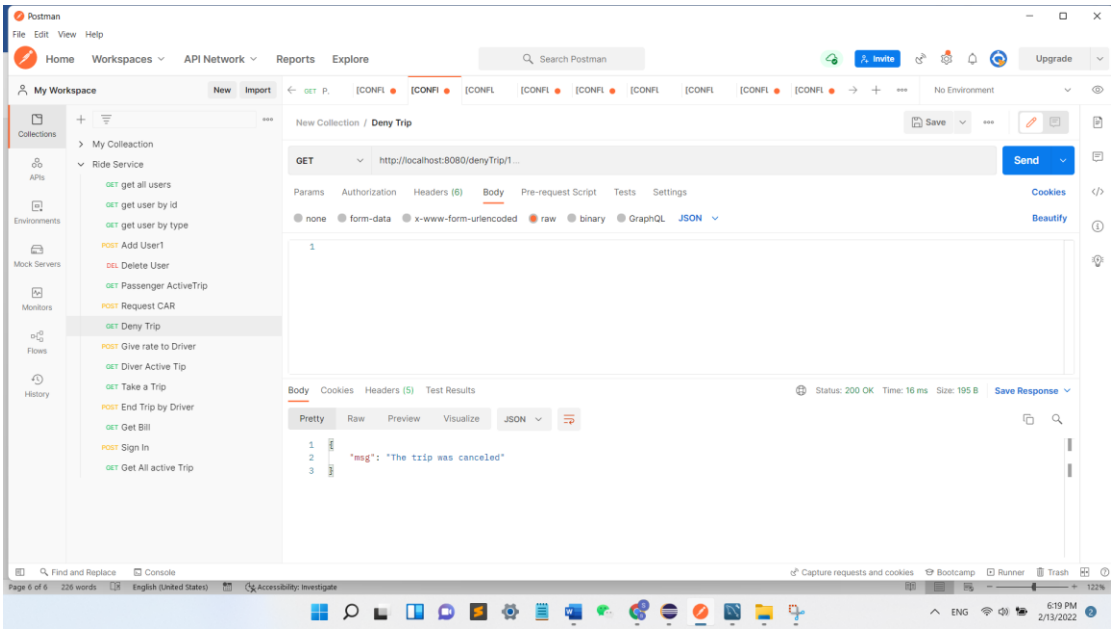
Request for Car: Passenger can Request for car by giving data in request body with POST method http://localhost:8080/ requestCar



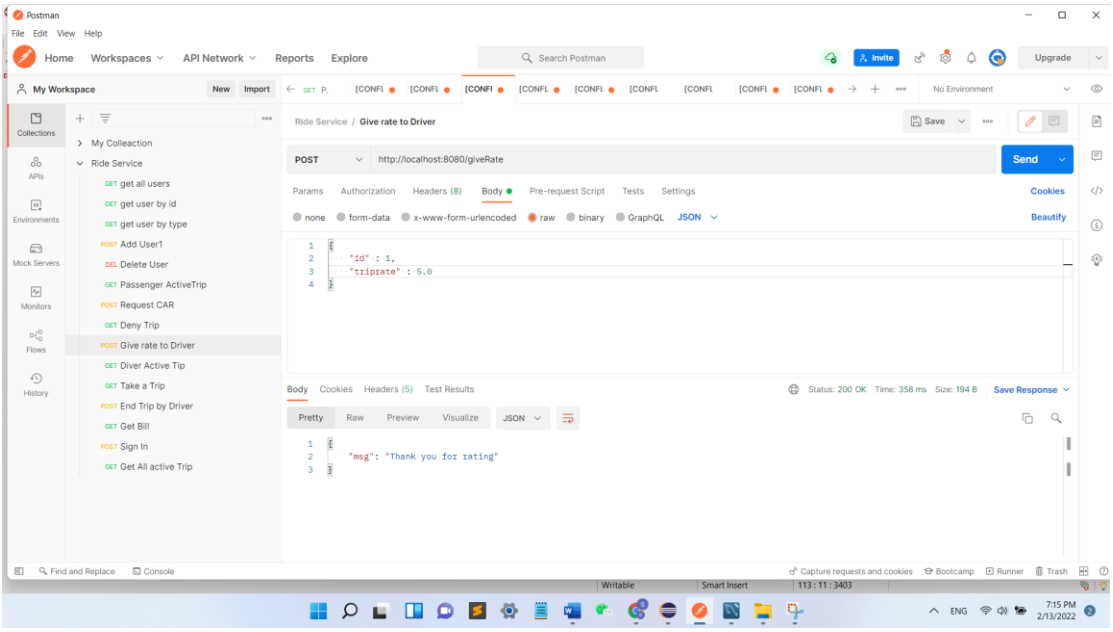
Passenger Active Trip: Using Get Method (http://localhost:8080/getActiveTrip/1) Passenger can found Active trip by giving passenger ID .



Deny Trip: Passenger can deny Trip by giving his ID http://localhost:8080/denyTrip/1

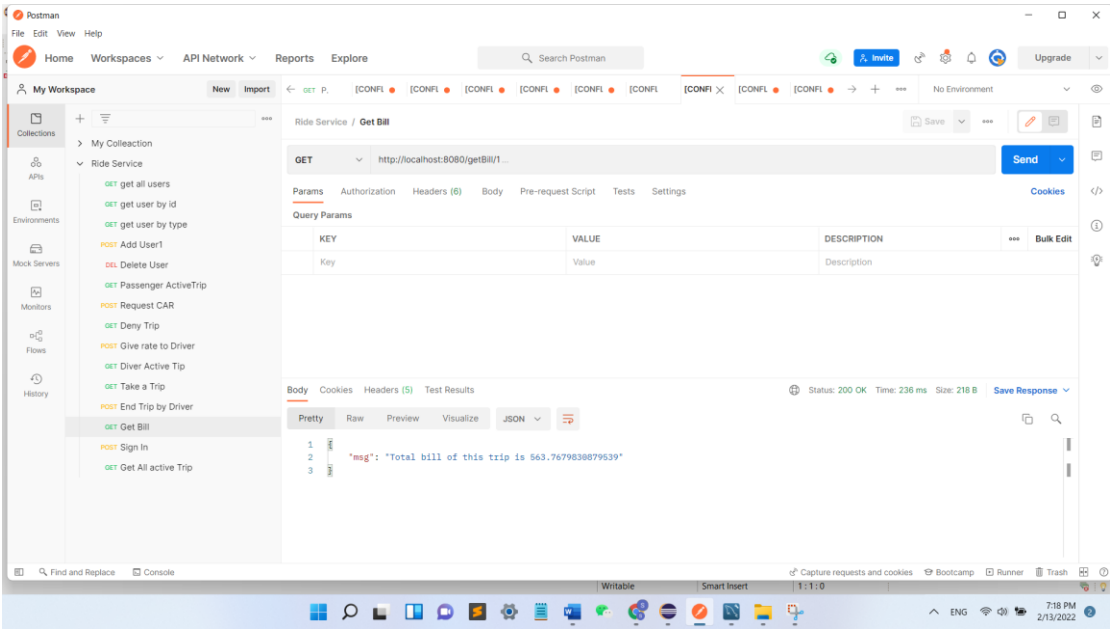


Give Rate to the Driver: Passenger can give rate to the driver

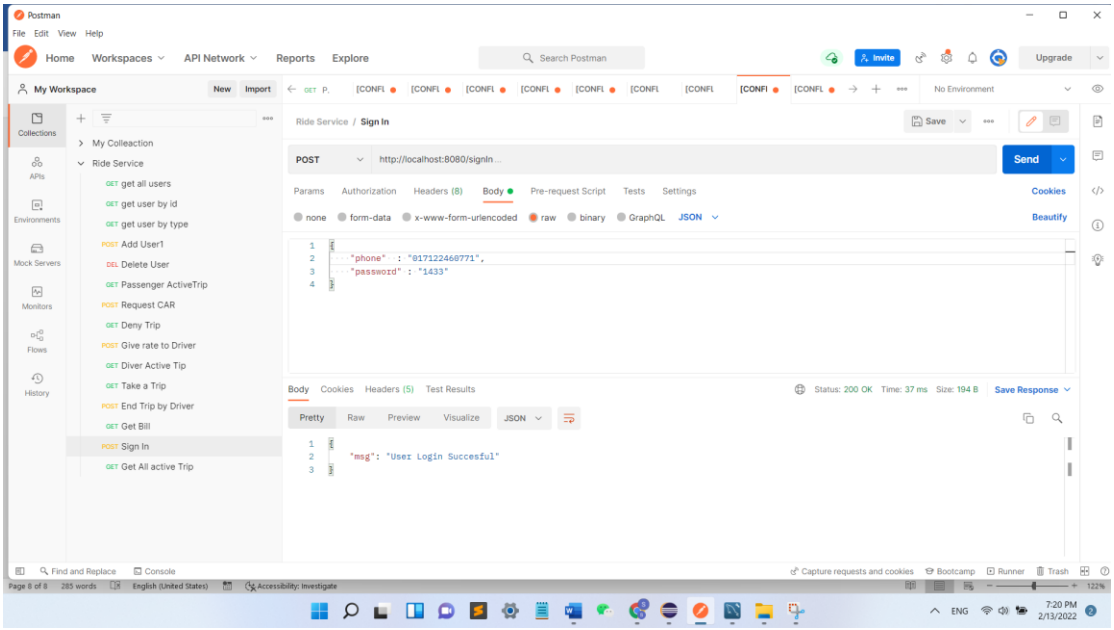


Trip microservice

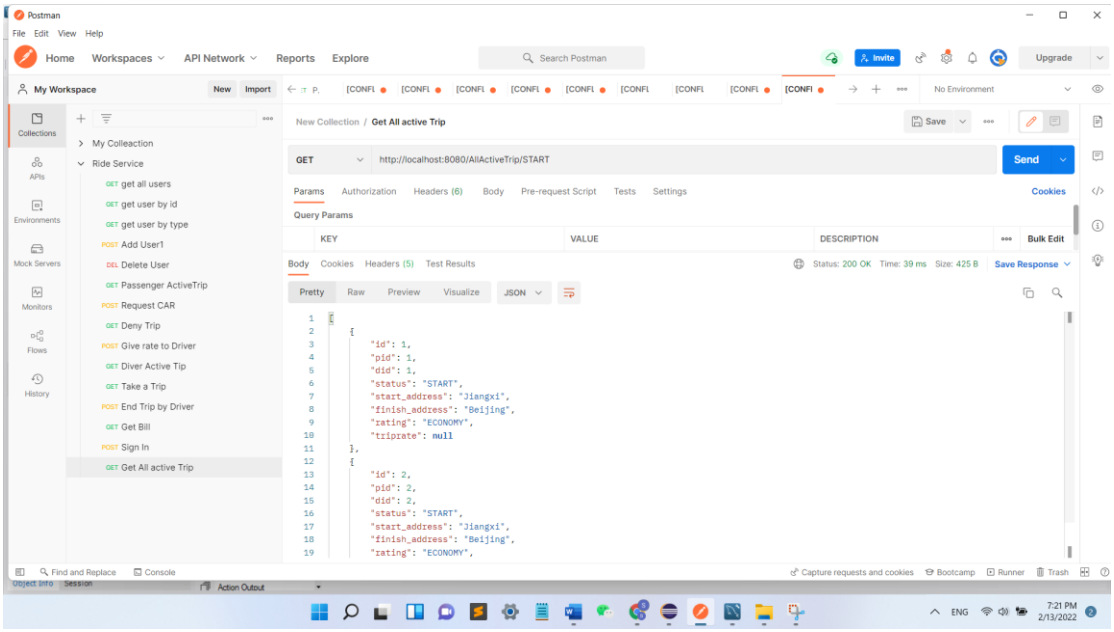
Billling: Trip Controller will show the trip bill by using the trip ID.



Login: Trip controller give permission user to login in the system.



Trip controller can check all the active trip.


Postman
File Edit View Help
Home Workspaces API Network Reports Explore
Search Postman
Invite
Upgrade
My Workspace
New Import
Collections
APIs
Environments
Mock Servers
Monitors
Flows
History
My Colleaction
Ride Service
GET get all users
GET get user by id
GET get user by type
POST Add User1
DEL Delete User
GET Passenger ActiveTrip
POST Request CAR
GET Deny Trip
POST Give rate to Driver
GET Diver Active Tip
GET Take a Trip
POST End Trip by Driver
GET Get Bill
POST Sign In
GET Get All active Trip
No Environment
New Collection / Get All active Trip
Save
GET
http://localhost:8080/AllActiveTrip/START
Send
Params Authorization Headers (6) Body Pre-request Script Tests Settings
Cookies
Query Params
KEY VALUE DESCRIPTION
Bulk Edit
Body Cookies Headers (5) Test Results
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Save Response
Pretty Raw Preview Visualize JSON
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Find and Replace
Console
Capture requests and cookies
Bootcamp
Runner
Trash
Object Info
Session
Action Output
ENG
7:21 PM
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