**TO DO LIST APPLICATION:**

In this Application I have created 4 apis

1. Onboard new User
2. Create tasks
3. Update task
4. Get the Task based on Search criteria

***Onboard new User API***

* This API is used to onboard a user to the
* This API takes name and Mobile number as an input and provides the unique user id for users to create the tasks

**Curl** :

curl --location 'http://localhost:8089/todolist/user' \

--header 'accept: application/json' \

--header 'Content-Type: application/json' \

--header 'Cookie: JSESSIONID=09C44653E8D9263BD8AB2E9715E6115B' \

--**data** '{

  "userName": "RISHI",

  "mobile": "9000634085"

}'

**Test cases :**

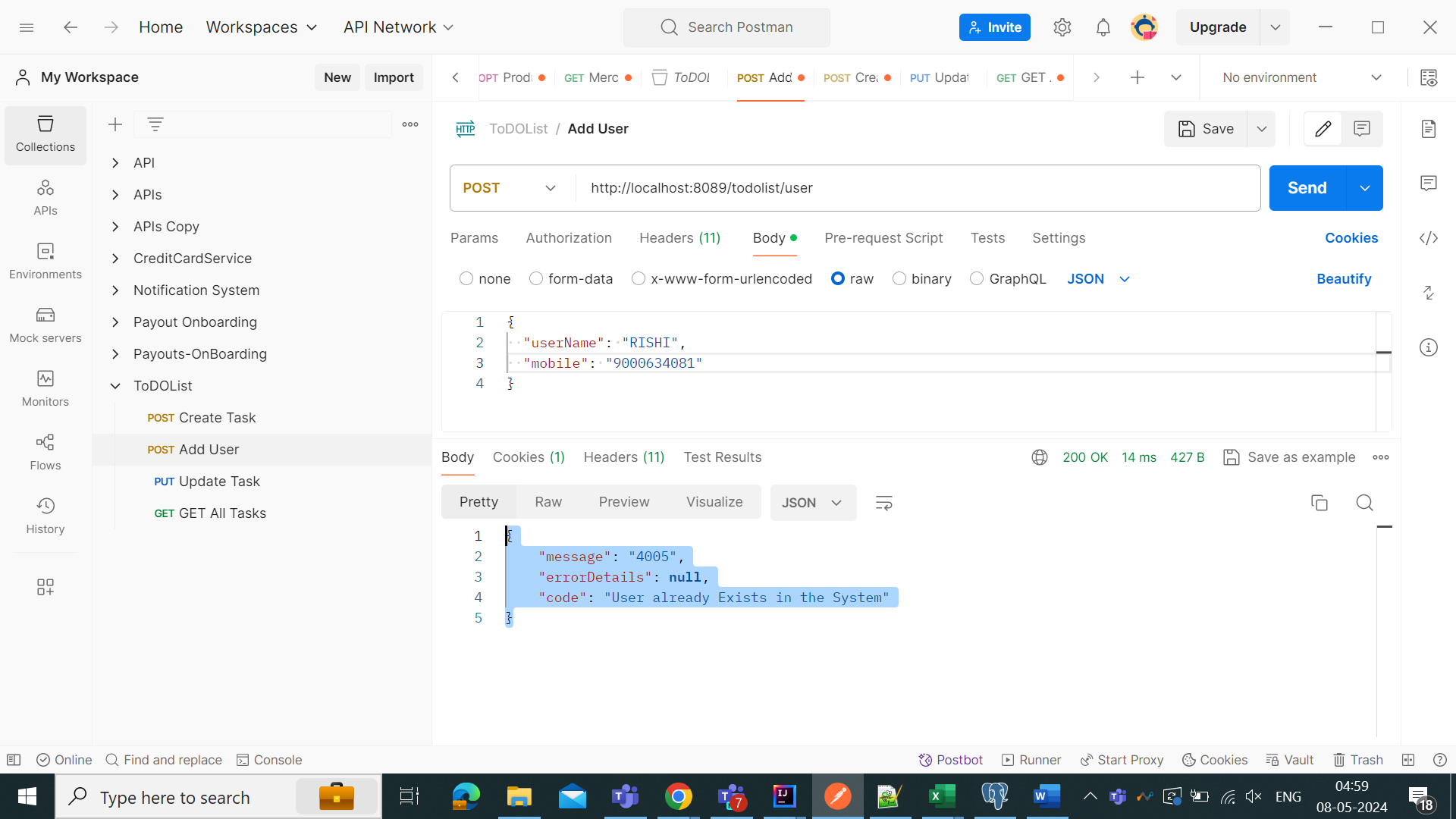
1. **Adding user**

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2.Adding User with existing phone number



***Create Task API:***

This Api is used to create the task with name , description , DueDate , priority

As a response we provide the Status and task id for future updates

**Curl** :

curl --location 'http://localhost:8089/todolist/task' \

--header 'Content-Type: application/json' \

--header 'Cookie: JSESSIONID=09C44653E8D9263BD8AB2E9715E6115B' \

--data '{

"taskName": "createTask2",

"description": "Check Task",

"priority": "LOW",

"deadLine": "2024-05-06 10:00:00",

"user\_id": "1"

}'

Test cases :

1. Creating new Task

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***Update task API***

With this api user can able to update the task name , description , priority , status , deadline

**Curl** :

curl --location --request PUT 'http://localhost:8089/todolist/task/1' \

--header 'accept: application/json' \

--header 'Content-Type: application/json' \

--header 'Cookie: JSESSIONID=09C44653E8D9263BD8AB2E9715E6115B' \

--data '{

"taskName": "task",

"description": "task",

"priority": "LOW",

"status": "COMPLETED",

"user\_id": "1"

}'

Test cases:

Updating the Created task :

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***Search API :***

With respect to UserId that we created fpr user , user can able to search the tasks with filters of status , deadlines , priorities.

**Curl** :

curl --location 'http://localhost:8089/todolist/task?userId=1&pageNo=1&fetchCount=1&taskId=2&priority=LOW&status=PENDING&dueDateCrossed=2024-06-05%2010%3A01%3A00' \

--header 'accept: application/json' \

--header 'Cookie: JSESSIONID=09C44653E8D9263BD8AB2E9715E6115B'

Test Cases :

Searching with UserId : to pull all the tasks

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