Restaurant API Documentation

User Registration Endpoints

1. ***User Registration Method***: **POST** Endpoint:

https://restaurantapi-q0xb.onrender.com/api/users/register

Payload: {

"username": "string", // "test5"

"email": "string", //"test5@example.com"

password": "string" } //"password123"

Response:

{

"message": "User registered successfully"

}

2. ***User Login Method***: **POST** Endpoint:

https://restaurantapi-q0xb.onrender.com//api/users/login

Payload: {

"email": "test5@example.com",

"password": "password123"

}

Response:

{

"token":

"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2NzEwYjNiZDYwNjlkOTdjZTVkZDMzOGYiL

CJpYXQiOjE3MjkxNDc4OTMsImV4cCI6MTcyOTE1MTQ5M30.kCx4p5HaZJwCpq1PsVMxJcF76haBRb76

_PfierNzcTU"

}

Restaurant API Endpoints (*Add Bearer Token for JWT authorization*)

1. *Create Restaurant Method:*

POST Endpoint:

- https://restaurantapi-q0xb.onrender.com/api/restaurants

- **Payload**:

```
{

 "name": "The Test  House",

 "description": "Authentic Test noodles.",

 "location": {

 "type": "Point",

 "coordinates": [77.5946, 12.9716, 45.123]

 },

 "ratings": [4, 4, 5]

}
```

2. *Get All Restaurants Method(using pagination):*

GET Endpoint:

- https://restaurantapi-q0xb.onrender.com/api/restaurants?page=1&limit=5
- Add Bearer Token for JWT authorization

3. *Get Restaurant by ID Method:*

GET Endpoint:

- https://restaurantapi-q0xb.onrender.com/api/restaurants/:id
- Description: Retrieves a restaurant by its ID.
- Authorization: Bearer Token (JWT)

4. *Update Restaurant Method:*

PUT Endpoint:

- https://restaurantapi-q0xb.onrender.com/api/restaurants/:id
- **Payload**:{

```json
{
  "name": "Updated Test House",
  "description": "Updated description.",
  "location": {
    "type": "Point",
    "coordinates": [77.5946, 12.9716]
  },
  "ratings": [5, 5, 5]
}
```

- Authorization: Bearer Token (JWT)

5. *Delete Restaurant Method:*

DELETE Endpoint:

- https://restaurantapi-q0xb.onrender.com/api/restaurants/:id
- Authorization: Bearer Token (JWT)

6. *Get Restaurants by Proximity Method:*

- **POST** Endpoint:
- https://restaurantapi-q0xb.onrender.com/api/restaurants/proximity
- **Payload**:

```json
{
  "location": {
    "type": "Point",
    "coordinates": [77.5946, 12.9716]
  },
  "maxDistance": 5000 // in meters
}
```

- Authorization: Bearer Token (JWT)

6 . *Get Restaurants Within Range Method:*

- **POST** Endpoint:
- https://restaurantapi-q0xb.onrender.com/api/restaurants/range

- **Payload**:

```
{
 "location": {
  "type": "Point",
  "coordinates": [77.5946, 12.9716]
 },
 "range": {
  "min": 1000, // minimum distance in meters
  "max": 10000 // maximum distance in meters
 }
}
```

- Authorization: Bearer Token (JWT)