

## Restaurant Listing Backend application API doc.

### Auth Routes :

#### 1. Register User(POST) :

{{BaseURL}}/auth/register

Request : {

```
"username" : "deepakttt2032",  
"password" : "deepak123",  
"role" : "admin"  
}
```

Response :

```
{  
  "message": "User registered successfully"  
}
```

Roles :

Admin : admin

BusinessOwner : businessowner

User : user

#### 2. Login(POST) :

{{BaseURL}}/auth/login

Request : {

```
"username" : "deepakttt2032",  
"password" : "depak123"  
}
```

Response : {

```
"token" :  
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiJksInVzZXJuY  
W1lIjoizGVlcGFra3R0dDIwMzIiLCJyb2x1IjoieWRtaW4iLCJpYXQiOiE3MDk0  
NTkxNzAsImV4cCI6MTcwOTQ2Mjc3MH0.RFVKNYTx08bEYfEdp4JwObKGBRDJ644  
vCQpxg70Cb5g"  
}
```

## Business Listings :

### 1. Create Business(POST) :

Only Business Owners and Admin can create Business

{{BaseURL}}/business-listings

#### Request :

```
{
  "name": "Banglore Restaurant",
  "businessPhone": "+918787878787",
  "city": "Banglore City",
  "address": "123 Main Street, Avenue Road, Bangalore",
  "images": [
    "https://testimage.com/image1.jpg",
    "https://testimage.com/image2.jpg"
  ]
}
```

#### Response :

```
{
  "name": "Banglore Restaurant",
  "businessPhone": "+918787878787",
  "city": "Banglore City",
  "address": "123 Main Street, Avenue Road, Bangalore",
  "images": [
    "https://testimage.com/image1.jpg",
    "https://testimage.com/image2.jpg"
  ]
}
```

### 2. Get All Business(GET) :

User, Admin and Business Owners have access to this endpoint.

{{BaseURL}}/business-listings

Response :

```
{
  "data": [
    {
      "id": 2,
      "name": "Banglore Restaurant",
      "businessPhone": "+919321826287",
      "city": "Mysore City",
      "address": "123 Main Street, Avenue Road, Bangalore",
      "images": [
        "https://example.com/image1.jpg",
        "https://example.com/image2.jpg"
      ]
    }
  ]
}
```

```
    ],
    "createdAt": "2024-02-29T19:52:49.184Z",
    "updatedAt": "2024-02-29T19:56:42.747Z"
  },
  {
    "id": 4,
    "name": "Banglore Restaurant",
    "businessPhone": "+919321826287",
    "city": "Mysore City",
    "address": "123 Main Street, Avenue Road, Banglore",
    "images": [
      "https://example.com/image1.jpg",
      "https://example.com/image2.jpg"
    ],
    "createdAt": "2024-02-29T20:22:00.463Z",
    "updatedAt": "2024-02-29T20:22:00.463Z"
  },
  {
    "id": 5,
    "name": "Banglore Restaurant",
    "businessPhone": "+919321826287",
    "city": "Mysore City",
    "address": "123 Main Street, Avenue Road, Banglore",
    "images": [
      "https://example.com/image1.jpg",
      "https://example.com/image2.jpg"
    ],
    "createdAt": "2024-02-29T20:28:19.305Z",
    "updatedAt": "2024-02-29T20:28:19.305Z"
  },
  {
    "id": 3,
    "name": "Banglore Restaurant",
    "businessPhone": "+919321826287",
    "city": "Mysore City",
    "address": "123 Main Street, Avenue Road, Banglore",
    "images": [
      "https://example.com/image1.jpg",
      "https://example.com/image2.jpg"
    ],
    "createdAt": "2024-02-29T19:53:26.322Z",
    "updatedAt": "2024-02-29T20:37:11.486Z"
  },
  {
    "id": 7,
    "name": "Banglore Restaurant",
    "businessPhone": "+918787878787",
    "city": "Banglore City",
    "address": "123 Main Street, Avenue Road, Banglore",
    "images": [
      "https://testimage.com/image1.jpg",
```

```

        "https://testimage.com/image2.jpg"
    ],
    "createdAt": "2024-03-01T08:23:55.198Z",
    "updatedAt": "2024-03-01T08:23:55.198Z"
  }
]
}

```

### 3. Get Business By ID(GET) :

Admin, User and Business Owners have access to this request

{{BaseURL}}/business-listings/:id

**Params : Business ID**

**Response :**

```

{
  "data": {
    "id": 7,
    "name": "Banglore Restaurant",
    "businessPhone": "+919878987889",
    "city": "Whitefield",
    "address": "123 Main Street, Avenue Road, Bangalore",
    "images": [
      "https://test/image1.jpg",
      "https://test/image2.jpg"
    ],
    "createdAt": "2024-03-01T08:23:55.198Z",
    "updatedAt": "2024-03-01T08:30:00.258Z"
  }
}

```

### 4. Update Business(PUT) :

Only Business Owner and Admin can update the Business.

{{BaseURL}}/business-listings/:id

Request Body :

```

{
  "name": "Banglore Restaurant",
  "businessPhone": "+919878987889",
  "city": "Whitefield",
  "address": "123 Main Street, Avenue Road, Bangalore",
  "images": [
    "https://test/image1.jpg",

```

```

        "https://test/image2.jpg"
    ]
}

Response Body :

{
  "message": "Business listing updated successfully",
  "data": {
    "id": 7,
    "name": "Banglore Restaurant",
    "businessPhone": "+919878987889",
    "city": "Whitefield",
    "address": "123 Main Street, Avenue Road, Banglore",
    "images": [
      "https://test/image1.jpg",
      "https://test/image2.jpg"
    ],
    "createdAt": "2024-03-01T08:23:55.198Z",
    "updatedAt": "2024-03-01T08:30:00.258Z"
  }
}

```

## 5. Delete Business :

Only Admin can delete the business.

{{BaseURL}}/business-listings/:id

Params : Business ID

Response :

```

{
  "message": "Business listing deleted successfully"
}

```

## Review System :

### 1. Create Review(POST) :

Business owner can't add review to the business. Each review is associated with respective business ID.

{{BaseURL}}/business-listings/:id/reviews

### Request body :

```
{
  "rating" : 5,
  "comment" : "Very Good service and hygienic food"
}
```

### Response :

```
{
  "message": "Review created successfully",
  "data": {
    "id": 7,
    "rating": 5,
    "comment": "Very Good service and hygienic food",
    "userId": 10,
    "businessId": 2,
    "updatedAt": "2024-03-03T09:30:56.550Z",
    "createdAt": "2024-03-03T09:30:56.550Z",
    "response": null
  }
}
```

## 2. Get Reviews(GET) :

All three users can read the reviews.

{{BaseURL}}/business-listings/:id/reviews

Params : Business ID

### Response :

```
{
  "data": [
    {
      "id": 1,
      "rating": 5,
      "comment": "Good service ok",
      "businessId": 2,
      "userId": 10,
      "response": null,
      "createdAt": "2024-03-03T08:35:00.926Z",
      "updatedAt": "2024-03-03T08:35:00.926Z"
    },
    {
      "id": 2,
      "rating": 5,
      "comment": "Good service ok ok",
      "businessId": 2,
      "userId": 9,

```

```

        "response": null,
        "createdAt": "2024-03-03T08:36:12.876Z",
        "updatedAt": "2024-03-03T08:36:12.876Z"
    },
    {
        "id": 3,
        "rating": 5,
        "comment": "Good service ljdkajsdkajok ghj",
        "businessId": 2,
        "userId": 10,
        "response": "Thank you qjhl 30948ksajd32908sjdk",
        "createdAt": "2024-03-03T08:44:03.756Z",
        "updatedAt": "2024-03-03T09:12:34.620Z"
    },
    {
        "id": 6,
        "rating": 5,
        "comment": "Very Good service and hygienic food",
        "businessId": 2,
        "userId": 10,
        "response": null,
        "createdAt": "2024-03-03T09:29:17.055Z",
        "updatedAt": "2024-03-03T09:29:17.055Z"
    }
]
}

```

### 3. Update Review(PUT) :

All three users have access to below API. But user with user role can update only comment and rating files and they can't update reviews by other users since each review is associated with userID.

Business owners can update only response files but not comment and rating field.

Admin can update all fields.

{{BaseURL}}/business-listings/:id/reviews/:reviewed

Params : business ID and review ID

#### Request body :

```

{
    "rating" : 4,
    "comment" : "Good service. Must Visit"
}

```

#### Response :

```
{
  "message": "Review updated successfully",
  "data": {
    "id": 3,
    "rating": 4,
    "comment": "Good service. Must Visit",
    "businessId": 2,
    "userId": 10,
    "response": "Thank you qjhl 30948ksajd32908sjdk",
    "createdAt": "2024-03-03T08:44:03.756Z",
    "updatedAt": "2024-03-03T09:34:35.952Z"
  }
}
```

#### 4. Delete Review(DELETE):

Only Admin and user role can delete the review.

{{BaseURL}}/business-listings/:id/reviews/:reviewId

Params : Business ID and Review ID

#### Response :

```
{
  "message": "Review deleted successfully"
}
```

#### 5. Add response to review by business owner(POST) :

Only Business Owner and Admin can add response to review

{{BaseURL}}/business-listings/:id/reviews/:reviewid/response

Params : Business ID and review ID

#### Request body :

```
{
  "response" : "Thank you. Keep Visiting us"
}
```

#### Response :

```
{
  "message": "Response added successfully",
  "data": {

```



```
      "id": 5,  
      "rating": 5,  
      "comment": "Good service",  
      "businessId": 1,  
      "userId": 11,  
      "response": "Thank you. Keep Visiting us",  
      "createdAt": "2024-03-03T08:47:13.252Z",  
      "updatedAt": "2024-03-03T09:45:14.262Z"  
    }  
  }  
}
```