

API Documentation : Invoice Generator Node js Application

Base URL (Deployed Server Link) : <http://37.27.81.8:4004>

Authenticaton Endpoints :

1. Create new user :

URL : {Base URL}/api/auth/register

Method : **POST**

Request Body :

```
{  
  "username": "dhruv_03",  
  "password": "Dhruv@123",  
  "email": "dhruvgodhani10@gmail.com"  
}
```

2. Login:

URL : {Base URL}/api/auth/login

Method : **POST**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Request Body :

```
{  
  "username": "dhruv_03",  
  "password": "Dhruv@123"  
}
```

Invoice Endpoints :

1. Create Invoice (Admin only) :

URL : {Base URL}/api/invoices

Method : **POST**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Request Body :

```
{  
  "customer": {  
    "name": "Dhruv Godhani",  
    "address": "250, Mannmandir soc, Anand, 396071",  
    "email": "dhruvgodhani10@gmail.com",  
    "phone": "+91 7069895543"  
  },  
  "items": [  
    {  
      "name": "Haier Washing Machine 8kg",  
      "quantity": "2",  
      "unitPrice": "40000"  
    }  
  ],  
  "taxRate": "5",  
  "discount": "2.5",  
  "dueDate": "2024-12-31",  
  "createdBy": "676facd3bd3346cfe65c99c1"  
}
```

2. Update Invoice (Admin only):

URL : {Base URL}/api/invoices/:id

Method : **PUT**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Query Parameter:

Parameter	Type	Required	Description
Id	String	Yes	Invoice number which we want to update

Request Body :

```
{  
  "customer": {  
    "name": "Dhruv Godhani",  
    "email": "dhruvgodhani10@gmail.com",  
    "phone": "+91 7069895543"  
  },  
  "items": [  
    {  
      "name": "Haier Washing Machine 8kg",  
      "quantity": "2",  
      "unitPrice": "30000"  
    },  
    {  
      "name": "Samsung QLED 4K",  
      "quantity": "2",  
      "unitPrice": "50000"  
    }  
  "taxRate": "5",  
  "discount": "2.5"  
}
```

3. Get Invoice:

URL : {Base URL}/api/invoices/:id

Method : **GET**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Query Parameter:

Parameter	Type	Required	Description
Id	String	Yes	Invoice number which we want to update

4. Get Invoices (Admin only):

URL : {Base URL}/api/invoices?page=1&limit=10

Method : **GET**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Query Parameter:

Parameter	Type	Required	Description
Page	Number	Yes	It represents page no.
Limit	Number	Yes	How many invoices we need in one page

5. Update Payment Status (Admin only):

URL : {Base URL}/api/invoices/updatePaymentStatus

Method : **POST**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Request Body :

```
{  
  "id": "INV-20241228-2817",  
  "status": "paid"  
}
```

6. Get Invoice PDF:

URL : {Base URL}/api/invoices/pdf/:invoiceNumber

Method : **GET**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Query Parameter:

Parameter	Type	Required	Description
invoiceNumber	String	Yes	Invoice number which we want to update

7. Get User Invoices:

URL : {Base URL}/api/invoices/getUserInvoices /:email

Method : **GET**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Query Parameter:

Parameter	Type	Required	Description
Email	String	Yes	To get that email user's invoices

8. Delete Invoice (Admin only):

URL : {Base URL}/api/invoices/:id

Method : **DELETE**

Headers :

Name	Type	Required	Description
Authorization	String	Yes	Bearer Token

Query Parameter:

Parameter	Type	Required	Description
Id	String	Yes	Id is a invoice number which we want to delete