



Select a definition

Api

Banking System Rest Api 1.0 OAS3

/api-docs/Api

Rest Api for banking system web application

[Mathan Raj Olaganathan - Website](#)
[Send email to Mathan Raj Olaganathan](#)

Servers

http://localhost:9090 - Generated server url

Authorize



Customer REST endpoints



GET /api/customer/{id} Get customer details



Get Customer details by customer id.

Parameters

Try it out

Name	Description
------	-------------

id * required integer(\$int64) (path)	
--	--

id

Responses

Code	Description	Links
------	-------------	-------

Code	Description	Links
200	<div>Success</div> <div>Media type<div>*/*</div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre></div>	No links
400	<div>Bad Request</div> <div>Media type<div>*/*</div></div> <div>Example Value Schema</div> <div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre></div>	No links

Code	Description	Links
500	Internal Server Error	No links
Media type		
<input type="text" value="*/"/>		
Example Value Schema		
<pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre>		

PUT /api/customer/{id} Update customer



Update customer details

Parameters

Try it out

Name	Description
------	-------------

id * required

integer(\$int64)
(path)

id

Request body required

application/json

Example Value Schema

```
{
  "firstName": "string",
  "lastName": "string",
  "customerNumber": 0,
  "customerAddress": {
    "address1": "string",
    "address2": "string",
    "city": "string",
    "state": "string",
    "postcode": "string",
    "country": "string"
  },
  "contactDetails": {
    "emailId": "string",
    "contactNo": "string"
  }
}
```

Responses

Code	Description	Links
200	Success	No links

Media type

/

Controls Accept header.

Example Value Schema

```
{
  "id": 0,
  "firstName": "string",
  "lastName": "string",
  "customerNumber": 0,
  "createDateTime": "2021-01-15",
  "customerAddress": {
    "address1": "string",
    "address2": "string",
    "city": "string",
    "state": "string",
    "postcode": "string",
    "country": "string"
  },
  "contactDetails": {
    "emailId": "string",
    "contactNo": "string"
  }
}
```

Code	Description	Links
400	<div><div>Bad Request</div><div><div>Media type</div><div><div>*/*</div></div></div><div><div>Example Value</div><div>Schema</div><div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre></div></div></div>	No links
500	<div><div>Internal Server Error</div><div><div>Media type</div><div><div>*/*</div></div></div><div><div>Example Value</div><div>Schema</div><div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre></div></div></div>	No links

DELETE

/api/customer/{id}

Delete customer and related accounts



Delete customer

Parameters

Try it out

Name	Description
------	-------------

id * required
integer(\$int64)
(path)

id

Responses

Code	Description	Links
------	-------------	-------

200	Success	No links
-----	---------	----------

Media type

/

Controls Accept header.

Example Value Schema

{}

400	Bad Request	No links
-----	-------------	----------

Media type

/

Example Value Schema

{}

Code	Description	Links
500	<div>Internal Server Error</div> <div>Media type<div>*/*</div></div> <div>Example Value Schema</div> <div>{ }</div>	No links

GET /api/customer Find all customers

Gets details of all the customers

Parameters

Try it out

No parameters

Responses

Code	Description	Links
------	-------------	-------

Code	Description	Links
200	<div>Success</div> <div>Media type<div>*/*</div>Controls Accept header.</div> <div>Example Value Schema<div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" }}</pre></div></div>	No links
400	<div>Bad Request</div> <div>Media type<div>*/*</div></div> <div>Example Value Schema<div><pre>[{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }]</pre></div></div>	No links

Code	Description	Links
500	<p>Internal Server Error</p> <p>Media type</p> <div><input type="text" value="*/"/></div> <p>Example Value Schema</p> <pre>[{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }]</pre>	No links

POST `/api/customer` Add a Customer

Add customer

Parameters[Try it out](#)

No parameters

Request body required**Example Value** Schema

```
{
  "firstName": "string",
  "lastName": "string",
  "customerNumber": 0,
  "customerAddress": {
    "address1": "string",
    "address2": "string",

```

```
    "city": "string",
    "state": "string",
    "postcode": "string",
    "country": "string"
  },
  "contactDetails": {
    "emailId": "string",
    "contactNo": "string"
  }
}
```

Responses

Code	Description	Links
200	Success	No links

Media type

/

Controls Accept header.

Example Value Schema

```
{
  "id": 0,
  "firstName": "string",
  "lastName": "string",
  "customerNumber": 0,
  "createDateTime": "2021-01-15",
  "customerAddress": {
    "address1": "string",
    "address2": "string",
    "city": "string",
    "state": "string",
    "postcode": "string",
    "country": "string"
  },
  "contactDetails": {
    "emailId": "string",
    "contactNo": "string"
  }
}
```

Code	Description	Links
400	<div><div>Bad Request</div><div><div>Media type</div><div><input type="text" value="*/"/></div></div><div><div>Example Value</div><div>Schema</div><div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre></div></div></div>	No links
500	<div><div>Internal Server Error</div><div><div>Media type</div><div><input type="text" value="*/"/></div></div><div><div>Example Value</div><div>Schema</div><div><pre>{ "id": 0, "firstName": "string", "lastName": "string", "customerNumber": 0, "createDateTime": "2021-01-15", "customerAddress": { "address1": "string", "address2": "string", "city": "string", "state": "string", "postcode": "string", "country": "string" }, "contactDetails": { "emailId": "string", "contactNo": "string" } }</pre></div></div></div>	No links

Auth REST endpoints



POST /api/auth/login Authenticate User



Authenticate User using username and password

Parameters

Try it out

No parameters

Request body required

application/json

Example Value Schema

```
{
  "username": "string",
  "password": "string"
}
```

Responses

Code	Description	Links
200	Success	No links
Media type		
/		
Controls Accept header.		
Example Value Schema		
{ }		

Code	Description	Links
400	<div>Bad Request</div> <div>Media type<div>*/*</div></div> <div>Example Value Schema</div> <div>{}</div>	No links
500	<div>Internal Server Error</div> <div>Media type<div>*/*</div></div> <div>Example Value Schema</div> <div>{}</div>	No links

GET

/api/auth/logout

Logging Out

Admin REST endpoints



GET

/api/admin/employee

Find All Employees

Find All Employees

Parameters

No parameters

Try it out

Responses

Code	Description	Links
200	<div>Success</div> <div>Media type<div>/**</div></div> <div>Controls Accept header.</div> <div>Example Value Schema<div><pre>{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"]}</pre></div></div>	No links
400	<div>Bad Request</div> <div>Media type<div>/**</div></div> <div>Example Value Schema<div><pre>[{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"] }]</pre></div></div>	No links

Code	Description	Links
500	<div>Internal Server Error</div> <div>Media type<div>*/*</div></div> <div>Example ValueSchema</div> <div><pre>[{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"] }]</pre></div>	No links

POST

/api/admin/employee

Create User

Create New User

Parameters

Try it out

No parameters

Request body required

application/json

Example ValueSchema

```
{
  "username": "string",
  "fullName": "string",
  "password": "string",
  "rePassword": "string",
  "roles": [
    "string"
  ]
}
```

Responses

Code	Description	Links
200	<div>Success</div> <div>Media type<div>/**</div></div> <div>Controls Accept header.</div> <div>Example Value Schema<div><pre>{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"]}</pre></div></div>	No links
400	<div>Bad Request</div> <div>Media type<div>/**</div></div> <div>Example Value Schema<div><pre>{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"]}</pre></div></div>	No links
500	<div>Internal Server Error</div> <div>Media type<div>/**</div></div> <div>Example Value Schema<div><pre>{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"]}</pre></div></div>	No links

GET

/api/admin/employee/{id}

Find an Employee



Find an Employee with the id

Parameters

Try it out

Name	Description
------	-------------

id * required integer(\$int64) (path)	
--	--

id

Responses

Code	Description	Links
200	Success	No links

Media type

/

Controls Accept header.

Example Value Schema

```
{
  "id": 0,
  "username": "string",
  "fullName": "string",
  "roles": [
    "string"
  ]
}
```

Code	Description	Links
400	<div>Bad Request</div> <div>Media type<div>*/*</div></div> <div>Example ValueSchema<div><pre>{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"]}</pre></div></div>	No links
500	<div>Internal Server Error</div> <div>Media type<div>*/*</div></div> <div>Example ValueSchema<div><pre>{ "id": 0, "username": "string", "fullName": "string", "roles": ["string"]}</pre></div></div>	No links

DELETE

/api/admin/employee/{id} Delete Employee

Accounts and Transactions REST endpoints

>

Schemas

▼

```
AddressRequest {
  address1*      string
  address2      string
  city*         string
  state*        string
  postcode*     string
  country*      string
}
```

```
ContactRequest {
  emailId*      string
  contactNo*    string
}
```

```
CustomerRequest {
  firstName*    string
  lastName*    string
  customerNumber* integer($int64)
  customerAddress* AddressRequest {...}
  contactDetails* ContactRequest {...}
}
```

```
CustomerView {
  id            integer($int64)
  firstName     string
  lastName     string
  customerNumber integer($int64)
  createDateTime string($date)
  customerAddress AddressRequest {...}
  contactDetails ContactRequest {...}
}
```

```
LoginRequest {
  username*    string
  password*    string
}
```

```

UserRequest {
  username*      string
  fullName*     string
  password*     string
  rePassword*   string
  roles*        [...]
}

```

```

UserView {
  id             integer($int64)
  username       string
  fullName       string
  roles          [...]
}

```

```

AccountRequest {
  bankInformation* BankRequest {...}
  accountType*    string
  accountBalance* number($double)
}

```

```

BankRequest {
  branchName*    string
  branchCode*    integer($int32)
  branchAddress* AddressRequest {...}
}

```

```

AccountView {
  accountNumber    integer($int64)
  bankInformation  BankRequest {...}
  accountType     string
  accountBalance  number($double)
  createdAt       string($date)
  modifiedAt      string($date)
}

```

```

TransferRequest {
  fromAccountNumber* integer($int64)
  toAccountNumber*   integer($int64)
  transferAmount*    number($double)
  customerNumber*    integer($int64)
}

```

```
CustomerAccountRequest  {  
  accountNumber*          integer($int64)  
  customerNumber*         integer($int64)  
}
```

```
CustomerAccountView    {  
  id                      integer($int64)  
  accountNumber           integer($int64)  
  customerNumber          integer($int64)  
}
```