

# Cooperatives API Endpoints

**Base Url** - <http://10.91.91.50:8082/CooperativesWS/api/v1>

## **Member-Management**

### **1. Get All Members**

**Url** - GET - </members/>

**Sample Response Body:**

```
[
  {
    "id": 22,
    "organisationId": 16,
    "organisationName": "FWE Enterprise",
    "roleId": 2,
    "contributionBandId": 0,
    "firstName": "Francis",
    "lastName": "Waje",
    "gender": "male",
    "address": "Plot 242, Kofo Abayomi",
    "city": "Victoria Island",
    "state": "Lagos",
    "phoneNumber": "09053334116",
    "email": "emefilefranklin@gmail.com",
    "position": "Software Developer",
    "dateJoined": 1538650109000,
    "username": "emefilefranklin@gmail.com",
    "isEnabled": 1,
    "approvalStatusId": 2,
    "lastLoginDate": null
  },
  {
    "id": 25,
    "organisationId": 16,
    "organisationName": "FWE Enterprise",
    "roleId": 3,
    "contributionBandId": 0,
    "firstName": "Okediran",
    "lastName": "Babatunde",
    "gender": "male",
    "address": "Magbon",
    "city": "Badagry Expressway",
    "state": "Lagos",
  }
]
```

```

        "phoneNumber": "08142546090",
        "email": "emefilefranciswaje@gmail.com",
        "position": "CEOr",
        "dateJoined": 1538650870000,
        "username": "emefilefranciswaje@gmail.com",
        "isEnabled": 1,
        "approvalStatusId": 2,
        "lastLoginDate": 1538652094000
    },
    {
        "id": 26,
        "organisationId": 16,
        "organisationName": "FWE Enterprise",
        "roleId": 3,
        "contributionBandId": 0,
        "firstName": "Okediran",
        "lastName": "Daniel",
        "gender": "male",
        "address": "Magbon",
        "city": "Badagry Expressway",
        "state": "Lagos",
        "phoneNumber": "08142546091",
        "email": "franciswaje@gmail.com",
        "position": "CEOr",
        "dateJoined": 1538731219000,
        "username": "waje",
        "isEnabled": 0,
        "approvalStatusId": 0,
        "lastLoginDate": null
    }
]

```

## 2. Update Member

**Url** – PUT - /members/26

### **Sample Request Body:**

```

{
    "contributionBandId": 2,
    "firstName": "Okediran",
    "lastName": "Adewole",
    "gender": "male",
    "address": "Iba",
    "city": "Badagry Expressway",
    "state": "Lagos",
    "phoneNumber": "08142546091",
    "email": "franciswaje@gmail.com",
    "position": "Software Developer",
    "username": "tunde"
}

```

### **Success Response Body:**

```
{
  "id": 26,
  "contributionBandId": 2,
  "firstName": "Okediran",
  "lastName": "Adewole",
  "gender": "male",
  "address": "Iba",
  "city": "Badagry Expressway",
  "state": "Lagos",
  "phoneNumber": "08142546091",
  "email": "franciswaje@gmail.com",
  "position": "Software Developer",
  "username": "tunde"
}
```

### **Failure Response:**

```
{
  "message": "Member with specified Id not found.",
  "statusCode": 404
}
```

## **3. Get Member By memberId**

**Url** – GET- /getByMemberId/25

### **Success Response Body**

```
{
  "id": 25,
  "organisationId": 16,
  "organisationName": "FWE Enterprise",
  "roleId": 3,
  "contributionBandId": 0,
  "firstName": "Okediran",
  "lastName": "Babatunde",
  "gender": "male",
  "address": "Magbon",
  "city": "Badagry Expressway",
  "state": "Lagos",
  "phoneNumber": "08142546090",
  "email": "emefilefranciswaje@gmail.com",
  "position": "CEOr",
  "dateJoined": 1538650870000,
  "username": "emefilefranciswaje@gmail.com",
  "isEnabled": 1,
  "approvalStatusId": 2,
  "lastLoginDate": 1538652094000
}
```

#### **Failure Response:**

```
{
  "message": "Member with specified Id not found.",
  "statusCode": 404
}
```

#### **4. Get Member By roleID**

**Url** - GET - /getByRoleId/2

#### **Sample Response Body:**

```
[
  {
    "id": 22,
    "organisationId": 16,
    "organisationName": "FWE Enterprise",
    "roleId": 2,
    "contributionBandId": 0,
    "firstName": "Francis",
    "lastName": "Waje",
    "gender": "male",
    "address": "Plot 242, Kofo Abayomi",
    "city": "Victoria Island",
    "state": "Lagos",
    "phoneNumber": "09053334116",
    "email": "emefilefranklin@gmail.com",
    "position": "Software Developer",
    "dateJoined": 1538650109000,
    "username": "emefilefranklin@gmail.com",
    "isEnabled": 1,
    "approvalStatusId": 2,
    "lastLoginDate": null
  }
]
```

#### **Failure Response:**

```
{
  "message": "No member with specified Role ID.",
  "statusCode": 404
}
```

#### **5. Get all Inactive Members**

**URL** – GET - /getAllInactiveMembers/{organisationId}

#### **Success Response Body:**

```
[
  {
    "id": 27,
    "organisationId": 16,
    "organisationName": "FWE Enterprise",
    "roleId": 3,
```

```

        "contributionBandId": 0,
        "firstName": "Okediran",
        "lastName": "Daniel",
        "gender": "male",
        "address": "Magbon",
        "city": "Badagry Expressway",
        "state": "Lagos",
        "phoneNumber": "08142546191",
        "email": "femefile@iteco.com",
        "position": "Finance Manager",
        "dateJoined": 1538734843000,
        "username": "waje",
        "isEnabled": 0,
        "approvalStatusId": 0,
        "lastLoginDate": null
    }
]

```

### Failure Response:

```

{
    "message": "No inactive members in the specified organisation.",
    "statusCode": 404
}

```

## 6. Get all Members in an Organisation

**URL** – GET - /getByOrganisationId/{organisationId}

### Success Response Body:

```

[
    {
        "id": 22,
        "organisationId": 16,
        "organisationName": "FWE Enterprise",
        "roleId": 2,
        "contributionBandId": 0,
        "firstName": "Francis",
        "lastName": "Waje",
        "gender": "male",
        "address": "Plot 242, Kofo Abayomi",
        "city": "Victoria Island",
        "state": "Lagos",
        "phoneNumber": "09053334116",
        "email": "emefilefranklin@gmail.com",
        "position": "Software Developer",
        "dateJoined": 1538650109000,
        "username": "emefilefranklin@gmail.com",
        "isEnabled": 1,
        "approvalStatusId": 2,
        "lastLoginDate": null
    },
    {
        "id": 25,

```

```

        "organisationId": 16,
        "organisationName": "FWE Enterprise",
        "roleId": 3,
        "contributionBandId": 0,
        "firstName": "Okediran",
        "lastName": "Babatunde",
        "gender": "male",
        "address": "Magbon",
        "city": "Badagry Expressway",
        "state": "Lagos",
        "phoneNumber": "08142546090",
        "email": "emefilefranciswaje@gmail.com",
        "position": "CEOr",
        "dateJoined": 1538650870000,
        "username": "emefilefranciswaje@gmail.com",
        "isEnabled": 1,
        "approvalStatusId": 2,
        "lastLoginDate": 1538652094000
    },
    {
        "id": 26,
        "organisationId": 16,
        "organisationName": "FWE Enterprise",
        "roleId": 3,
        "contributionBandId": 2,
        "firstName": "Okediran",
        "lastName": "Adewole",
        "gender": "male",
        "address": "Iba",
        "city": "Badagry Expressway",
        "state": "Lagos",
        "phoneNumber": "08142546091",
        "email": "franciswaje@gmail.com",
        "position": "Software Developer",
        "dateJoined": 1538731219000,
        "username": "franciswaje@gmail.com",
        "isEnabled": 1,
        "approvalStatusId": 2,
        "lastLoginDate": null
    }
]

```

## Not Found Response

```

{
    "message": "No Member with specified organisation
ID.",
    "statusCode": 404
}

```

## 7. Get Member By ContributionBandID

**Url** - GET - /getByContributionId/0

### Sample Response Body:

```
[
  {
    "id": 22,
    "organisationId": 16,
    "organisationName": "FWE Enterprise",
    "roleId": 2,
    "contributionBandId": 0,
    "firstName": "Francis",
    "lastName": "Waje",
    "gender": "male",
    "address": "Plot 242, Kofo Abayomi",
    "city": "Victoria Island",
    "state": "Lagos",
    "phoneNumber": "09053334116",
    "email": "emefilefranklin@gmail.com",
    "position": "Software Developer",
    "dateJoined": 1538650109000,
    "username": "emefilefranklin@gmail.com",
    "isEnabled": 1,
    "approvalStatusId": 2,
    "lastLoginDate": null
  },
  {
    "id": 25,
    "organisationId": 16,
    "organisationName": "FWE Enterprise",
    "roleId": 3,
    "contributionBandId": 0,
    "firstName": "Okediran",
    "lastName": "Babatunde",
    "gender": "male",
    "address": "Magbon",
    "city": "Badagry Expressway",
    "state": "Lagos",
    "phoneNumber": "08142546090",
    "email": "emefilefranciswaje@gmail.com",
    "position": "CEOr",
    "dateJoined": 1538650870000,
    "username": "emefilefranciswaje@gmail.com",
    "isEnabled": 1,
    "approvalStatusId": 2,
    "lastLoginDate": 1538652094000
  }
]
```

### Failure Response:

```
{
  "message": "Member with specified Contribution Band Id not found.",
  "statusCode": 404
}
```

## 8. Add New Member

**Url** - POST - </members>

### **Sample Request Body:**

```
{
  "organisationId": 16,
  "roleId": 3,
  "firstName": "Okediran",
  "lastName": "Daniel",
  "gender": "male",
  "address": "Magbon",
  "city": "Badagry Expressway",
  "state": "Lagos",
  "phoneNumber": "08142546091",
  "email": "franciswaje@gmail.com",
  "position": "CEOr",
  "username": "waje"
}
```

### **Failure:**

```
{
  "message": "Email already used to register another member",
  "statusCode": 409
}
```

### **Success:**

**Status code** – 200

### **Sample Response Body –**

```
{
  "id": 27,
  "organisationId": 16,
  "roleId": 3,
  "email": "femefile@iteco.com",
  "username": "waje"
}
```

## 9. Approve Member

**Url** – PUT - </members/approveMember/38>

**Headers** – **memberId**: 22

**organisationId**: 16

### **Success**

```
{
  "message": "Success",
  "statusCode": 200
}
```

### **Failure**

```
{
  "message": "Member with specified Id not found.",
  "statusCode": 404
}
```



```
}
```

## 10. Sign IN

**Url** – GET - /members/signIn

### **Request Body:**

```
{  
    "email": "emefilefranciswaje@gmail.com",  
    "password": "Okeded25"  
}
```

### **Success:**

**Status code** – 200

### **Sample Response Body –**

```
{  
    "id": 25,  
    "organisationId": 16,  
    "organisationName": "FWE Enterprise",  
    "roleId": 3,  
    "contributionBandId": 0,  
    "firstName": "Okediran",  
    "lastName": "Babatunde",  
    "gender": "male",  
    "address": "Magbon",  
    "city": "Badagry Expressway",  
    "state": "Lagos",  
    "phoneNumber": "08142546090",  
    "email": "emefilefranciswaje@gmail.com",  
    "position": "CEOr",  
    "dateJoined": 1538650870000,  
    "username": "emefilefranciswaje@gmail.com",  
    "isEnabled": 1,  
    "approvalStatusId": 2,  
    "lastLoginDate": 1538652094000  
}
```

### **Failure:**

```
{  
    "message": "Username/Password not registered",  
    "statusCode": 401  
}
```

## 11. Verify Member

**URL** – PUT members/verifyMember/38

**Header** – **memberId**: 22

**organisationId**: 16

### **Failed Response**

```
{
  Status Code: 404,
  Message: Member with specified Id not found.
}
```

### **Success Response**

```
{
  Status Code: 200,
  Message: Success
}
```

## **12. Change Password**

**URL** – PUT members/changePassword

### **Body:**

```
{
  "email": "emefilefranklin@gmail.com",
  "oldPassword": "newPassword12",
  "newPassword": "newPasswordNow"
}
```

### **Success Response:**

```
{
  "message": "Success",
  "statusCode": 200
}
```

### **Failure:**

```
{
  "message": "Member with specified email not found.",
  "statusCode": 404
}
{
  "message": "Wrong old Password",
  "statusCode": 409
}
```

```
}
```

## Forgot Password

**URL** – PUT members/forgotPassword

### Request Body:

```
{
  "email": "emefilefranklin@gmail.com",
  "newPassword": "newPasswordNowNow"
}
```

### Success:

**Status code:** 200 OK

**Message:** "Success"

## Loan-API

### 13. Get All Loan Types

**Url** - GET - </loantypes>

### Success:

**Status code** – 200

### Sample Response Body –

```
[
  {
    "id": 1,
    "organisationId": 1,
    "loanType": "non-interest-bearing"
  },
  {
    "id": 2,
    "organisationId": 2,
    "loanType": "interest bearing"
  }
]
```

### 14. Add New Loan Setup

**Url** - POST - </loansetups>

### Sample Request Body:

```
{
  "organisationId": 1,
```

```
        "loanTypeId": 1,  
        "memberId": 23,  
        "contributionBandId": 2,  
        "payStart": 2,  
        "penalty": 50000.0,  
        "regularPaybackAmount": 1500.0  
    }  
}
```

**Success:**

**Status code – 200**

**Sample Response Body:**

```
{  
    "id": 4,  
    "organisationId": 1,  
    "loanTypeId": 1,  
    "memberId": 23,  
    "contributionBandId": 2,  
    "payStart": 2,  
    "penalty": 50000,  
    "setupDate": 1533215088000,  
    "regularPaybackAmount": 1500  
}
```

**15. Get Loan Type By Id**

**Url** – GET - </loantypes/1>

**Sample Response Body**

```
{  
    "id": 1,  
    "organisationId": 1,  
    "loanType": "non-interest-bearing"  
}
```

**16. Get all Loan Setups**

**Url** - GET - </loansetups>

### Sample Response Body:

```
[
  {
    "id": 1,
    "organisationId": 1,
    "loanTypeId": 2,
    "memberId": 1,
    "contributionBandId": 2,
    "payStart": 2,
    "penalty": 20000,
    "setupDate": 1533214124000,
    "regularPaybackAmount": 1000
  },
  {
    "id": 2,
    "organisationId": 2,
    "loanTypeId": 1,
    "memberId": 23,
    "contributionBandId": 2,
    "payStart": 2,
    "penalty": 20000,
    "setupDate": 1533214777000,
    "regularPaybackAmount": 1000
  }
]
```

## 17. Update Loan Setup

**Url** - PUT - </loansetups/LSTUP1>

### Sample Request Body

```
{
  "organisationId": 1,
  "loanTypeId": 1,
  "memberId": 1,
  "contributionBandId": 4,
  "payStart": 2,
  "penalty": 40000.0,
  "regularPaybackAmount": 1000.0
}
```

### Success

**Status code:** 200

### Sample Response Body:

```
{
  "id" : 5,
  "organisationId" : 1,
```

```
        "loanTypeId" : 13,  
        "memberId" : 13,  
        "contributionBandId" : 43,  
        "payStart" : 23,  
        "penalty" : 400003.0,  
        "setupDate" : null,  
        "regularPaybackAmount" : 10003.0  
    }  
}
```

## 18. Get Loan Setup By Id

**Url** - GET - </loansetups/LSTUP>

### Success:

**Status code** – 200

### Sample Response Body:

```
{  
    "id": 5,  
    "organisationId": 1,  
    "loanTypeId": 13,  
    "memberId": 13,  
    "contributionBandId": 43,  
    "payStart": 23,  
    "penalty": 400003,  
    "setupDate": 1533216523000,  
    "regularPaybackAmount": 10003  
}
```

### Failure:

**Status code** – 404

### Message:

“LoanSetup with the specified Id not found.”

## 19. Get Loan Type By organizationId

**Url** - GET - </loantypes/getLoanTypeByOrganisationId/1>

### Sample Response Body:

```
[  
    {  
        "id": 1,  
        "organisationId": 1,  
        "loanType": "non-interest-bearing"  
    }  
]
```

## 20. Get Loan Setup By memberId

**Url** – GET - loansetups/getByMemberId/1

Sample Response Body:

```
[
  {
    "id": 1,
    "organisationId": 0,
    "loanTypeId": 13,
    "memberId": 13,
    "contributionBandId": 43,
    "payStart": 23,
    "penalty": 400003,
    "setupDate": 1533214124000,
    "regularPaybackAmount": 10003
  },
  {
    "id": 5,
    "organisationId": 1,
    "loanTypeId": 13,
    "memberId": 13,
    "contributionBandId": 43,
    "payStart": 23,
    "penalty": 400003,
    "setupDate": 1533216523000,
    "regularPaybackAmount": 10003
  }
]
```

## 21. Get Loan Setup By contributionBandId

**Url** – GET - loansetups/getByContributionBandId/1

Sample Response Body:

```
[
  {
    "id": 2,
    "organisationId": 0,
    "loanTypeId": 1,
    "memberId": 23,
    "contributionBandId": 2,
```

```

        "payStart": 2,
        "penalty": 20000,
        "setupDate": 1533214777000,
        "regularPaybackAmount": 1000
    },
    {
        "id": 3,
        "organisationId": 0,
        "loanTypeId": 1,
        "memberId": 23,
        "contributionBandId": 2,
        "payStart": 2,
        "penalty": 20000,
        "setupDate": 1533214861000,
        "regularPaybackAmount": 1000
    }
]

```

## 22. Get Loan Setups Between Timestamp

**URL:** GET - /loansetups/getLoanSetupBetweenTimestamp?from=2018-07-16 11:36:37&to=2018-07-16 12:04:01

### Success Response

Status Code – 200

Body –

```

[
{
    "id" : 1,
    "organisationId" : 0,
    "loanTypeId" : 13,
    "memberId" : 13,
    "contributionBandId" : 43,
    "payStart" : 23,
    "penalty" : 400003.0,
    "setupDate" : 1533214124000,
    "regularPaybackAmount" : 10003.0
}, {
    "id" : 2,
    "organisationId" : 0,
    "loanTypeId" : 1,
    "memberId" : 23,
    "contributionBandId" : 2,
    "payStart" : 2,
    "penalty" : 20000.0,
    "setupDate" : 1533214777000,
    "regularPaybackAmount" : 1000.0
}
]

```



```

}, {
  "id" : 3,
  "organisationId" : 0,
  "loanTypeId" : 1,
  "memberId" : 23,
  "contributionBandId" : 2,
  "payStart" : 2,
  "penalty" : 20000.0,
  "setupDate" : 1533214861000,
  "regularPaybackAmount" : 1000.0
}, {
  "id" : 4,
  "organisationId" : 0,
  "loanTypeId" : 1,
  "memberId" : 23,
  "contributionBandId" : 2,
  "payStart" : 2,
  "penalty" : 50000.0,
  "setupDate" : 1533215088000,
  "regularPaybackAmount" : 1500.0
}, {
  "id" : 5,
  "organisationId" : 1,
  "loanTypeId" : 13,
  "memberId" : 13,
  "contributionBandId" : 43,
  "payStart" : 23,
  "penalty" : 400003.0,
  "setupDate" : 1533216523000,
  "regularPaybackAmount" : 10003.0
}
]

```

### **Failure Response**

Status Code – 404 Not Found

Message – LoanSetups with specified criteria not found.

## **23. Get All Loans**

**URL** – GET - /loans

### **Failure Response**

Status Code – 404 Not Found

### **Success Response**

Status Code – 200 OK

Body –

```
[
  {
    "id": 1,
    "organisationId": 1,
    "loanSetupId": 1,
    "amount": 0,
    "tenure": 0,
    "dateApplied": 1533550583000,
    "balance": -1000,
    "lastPaidDate": 1533723383000,
    "paymentDueDate": 1533550583000
  },
  {
    "id": 2,
    "organisationId": 1,
    "loanSetupId": 0,
    "amount": 0,
    "tenure": 0,
    "dateApplied": 1533550583000,
    "balance": 1500,
    "lastPaidDate": 1533550583000,
    "paymentDueDate": 1533550583000
  },
  {
    "id": 7,
    "organisationId": 1,
    "loanSetupId": 1,
    "amount": 10000,
    "tenure": 2,
    "dateApplied": 1533550583000,
    "balance": 0,
    "lastPaidDate": null,
    "paymentDueDate": 1538820983000
  }
]
```

## 24. Make a Loan Request

**URL** – POST - /loans/requestLoan

**Request Body:**

```
{
  "organisationId": 13,
  "memberId": 1,
  "amount": 1000,
  "tenure": 2,
  "rate": 10,
  "dateApplied": 1533550583000
}
```

```
}
```

**Failure Response:**

**Status code:** 404 Not Found

**Message:** Organisation with specified ID not found. || Member with specified ID not found.

**Status code:** 409 Conflict

**Message:** Organisation not yet activated.

**Reason:** The organization just being created, and haven't been activated. There is an endpoint that activates an organization.

**Success Response:**

**Status Code:** 200 OK

**Body:**

```
{
  "id" : 12,
  "organisationId" : 13,
  "memberId" : 1,
  "amount" : 1000.0,
  "tenure" : 2,
  "approvalStatus" : 0
}
```

**25. Approve Loan Request**

**URL** - /loans/approveLoan/{loanId}

Use loanId = 12

**Request Body:**

```
{
  "approverId": 1,
  "approvalStatus": 1,
  "reason": "Good Application",
  "approvalDate": 1533550583000
}
```

NB- The above request body is to approve the Loan Request. One can also reject the Loan Request by specifying the approvalStatus to be 2. Please ensure to state the reason for rejection.

**Success Response:**

**Status Code:** 200 OK

**Body:**

```
{
```

```
        "id" : 11,  
        "organisationId" : 13,  
        "memberId" : 1,  
        "amount" : 1000.0,  
        "tenure" : 2,  
        "dateApplied" : 1533550583000,  
        "rate" : 10.0,  
        "paymentDueDate" : 1538820983000,  
        "approvalStatus" : 1,  
        "reason" : "Good Application",  
        "amountToPayBack" : 1100.0  
    }  
}
```

### **Failure Response:**

**Status Code:** 404 Not Found

**Message:** "Loan with the specified Id not found"

**Status Code:** 409 Conflict

**Message:** "Approver not enabled"

## **26. Get Loan by Id**

**URL** – GET /loans/1

Failure Response

Status Code – 404 Not Found

Message - Loan with the specified ID not found.

Success Response

Status Code – 200 OK

Body –

```
{  
    "id" : 1,  
    "organisationId" : 1,  
    "loanSetupId" : 1,  
    "amount" : 0.0,  
    "tenure" : 0,  
    "dateApplied" : 1533550583000,  
}
```

```
        "amountPaid" : 4500.0,  
        "balance" : -1000.0,  
        "lastPaidDate" : 1533723383000,  
        "paymentDueDate" : 1533550583000  
    }  
}
```

## 27. Get Loan by loanSetupId

**URL** – GET /loans/getByLoanSetupId/1

### Failure Response:

**Status Code:** 404 Not Found

**Message:** No Loans with the specified Loan Setup ID.

### Success Response:

**Status Code:** 200 OK

### Body:

```
[ {  
  
    "id" : 1,  
    "organisationId" : 1,  
    "loanSetupId" : 1,  
    "amount" : 0.0,  
    "tenure" : 0,  
    "dateApplied" : 1533550583000,  
    "balance" : -1000.0,  
    "lastPaidDate" : 1533723383000,  
    "paymentDueDate" : 1533550583000  
}, {  
  
    "id" : 7,  
    "organisationId" : 1,  
    "loanSetupId" : 1,  
    "amount" : 10000.0,  
    "tenure" : 2,  
    "dateApplied" : 1533550583000,  
    "balance" : 0.0,  
    "lastPaidDate" : 1533723383000,  
    "paymentDueDate" : 1533550583000  
}
```

```

        "lastPaidDate" : null,
        "paymentDueDate" : 1538820983000
    }, {
        "id" : 8,
        "organisationId" : 1,
        "loanSetupId" : 1,
        "amount" : 10000.0,
        "tenure" : 2,
        "dateApplied" : 1533550583000,
        "balance" : 0.0,
        "lastPaidDate" : null,
        "paymentDueDate" : 1538820983000
    } ]

```

## 28. Get Loan by memberId

**URL** – GET /loans/getByMemberId/1

Failure Response

Status Code- 404 Not Found

Message - Loans with the specified member ID not found.

Success Response

Status Code – 200 OK

Body –

```

[ {
    "id" : 1,
    "organisationId" : 1,
    "loanSetupId" : 1,
    "memberId" : 1,
    "amount" : 0.0,
    "tenure" : 0,
    "dateApplied" : 1533550583000,
    "balance" : -1000.0,
    "lastPaidDate" : 1533723383000,
    "paymentDueDate" : 1533550583000
}, {
    "id" : 2,
    "organisationId" : 1,
    "loanSetupId" : 0,

```

```

    "memberId" : 1,
    "amount" : 0.0,
    "tenure" : 0,
    "dateApplied" : 1533550583000,
    "balance" : 1500.0,
    "lastPaidDate" : 1533550583000,
    "paymentDueDate" : 1533550583000
  }, {
    "id" : 7,
    "organisationId" : 1,
    "loanSetupId" : 1,
    "memberId" : 1,
    "amount" : 10000.0,
    "tenure" : 2,
    "dateApplied" : 1533550583000,
    "balance" : 0.0,
    "lastPaidDate" : null,
    "paymentDueDate" : 1538820983000
  }, {
    "id" : 8,
    "organisationId" : 1,
    "loanSetupId" : 1,
    "memberId" : 1,
    "amount" : 10000.0,
    "tenure" : 2,
    "dateApplied" : 1533550583000,
    "balance" : 0.0,
    "lastPaidDate" : null,
    "paymentDueDate" : 1538820983000
  } ]

```

## **Organisation Management API**

### **29. Add New Organisation**

**URL** – POST organisations/

Sample Request Body:

```

{
  "name": "FWE Enterprise",
  "address": "Seattle, USA",
  "email": "franciswaje@gmail.com",
  "phoneNumber": "09053334110",
  "allowedLoanRequestPercent": 100
}

```

Success Response

**Status Code:** 204 Created

**Body:**

```

{
  "id" : 15,
  "name" : "FWE Enterprise",

```

```

        "address" : "Seattle, USA",
        "email" : "franciswaje@gmail.com",
        "phoneNumber" : "09053334110",
        "isEnabled" : 0
    }

```

### 30. Get an organization by Id

**URL** – GET /organisations/{id}

#### Success Response

Status Code: 200 ok

Body:

```

{
    "id": 15,
    "name": "FWE Enterprise",
    "address": "Seattle, USA",
    "email": "franciswaje@gmail.com",
    "phoneNumber": "09053334110",
    "isEnabled": 0,
    "allowedLoanRequestPercent": 100
}

```

### 31. Get all organisations

**URL** – GET /organisations

#### Success Response

Status Code: 200 ok

Body:

```

[
    {
        "id" : 11,
        "name" : "Microsoft",
        "address" : "Seattle, USA",
        "email" : "microsoft@gmail.com",
        "phoneNumber" : "08142546090",
        "isEnabled" : 1,
        "allowedLoanRequestPercent" : 0.0
    }, {
        "id" : 13,
        "name" : "Microsoft",
        "address" : "Seattle, USA",
        "email" : "microsoft3@gmail.com",
        "phoneNumber" : "08142546091",
        "isEnabled" : 1,
        "allowedLoanRequestPercent" : 0.0
    }, {
        "id" : 14,
        "name" : "FW Enterprise",
        "address" : "Seattle, USA",
        "email" : "emefilefranklin@gmail.com",
        "phoneNumber" : "09053334116",
    }
]

```



```

        "isEnabled" : 0,
        "allowedLoanRequestPercent" : 0.0
    }, {
        "id" : 15,
        "name" : "FWE Enterprise",
        "address" : "Seattle, USA",
        "email" : "franciswaje@gmail.com",
        "phoneNumber" : "09053334110",
        "isEnabled" : 0,
        "allowedLoanRequestPercent" : 0.0
    }
]

```

### 32. **Activate an organization**

**URL** – PUT organisations/activateOrganisation/{organization\_id}

**NB:** To activate an organization you have to provide details of the admin for that organization.

#### **Sample Request Body:**

```

{
    "organisationId": 13,
    "firstName": "Francis",
    "lastName": "Waje",
    "gender": "male",
    "address": "Plot 242, Kofo Abayomi",
    "city": "Victoria Island",
    "state": "Lagos",
    "email": "emefilefranklin@gmail.com",
    "phoneNumber": "09053334116",
    "position": "Software Developer"
}

```

#### **Success Response:**

**Status code:** 200 OK

#### **Body:**

```

{
    "email": "emefilefranklin@gmail.com",
    "id": 7,
    "organisationId": 13,
    "phoneNumber": "09053334116"
}

```

**Failure:**

**Status code:** 404 Not Found

**Message:** "Organisation with the specified Id not found."

**CONTRIBUTION MANAGEMENT API**

**33. Add new ContributionBand**

**URL** – POST /contributions/bands

Sample Request Body:

```
{
  "organisationId": 16,
  "amount": 1000000.50,
  "name": "High-level Band"
}
```

Success Response:

Status Code: 204 Created

Body:

```
{
  "id": 13,
  "organisationId": 16,
  "amount": 1000000.5,
  "name": "High-level Band"
}
```

**34. Get all ContributionBands in an organization**

**URL** – GET /contributions/bands?organisationId=16

Failure Response:

```
{
  "message": " Contribution Band for the specified
organization not found.",
  "statusCode": 404
}
```

Success Response:

Status Code: 200 OK

Body:

```
[
  {
    "id": 10,
    "organisationId": 16,
    "amount": 10000.23,
    "name": "Low-level Band"
  },
  {
    "id": 11,
    "organisationId": 16,
    "amount": 100000.5,
    "name": "Mid-level Band"
  },
  {
    "id": 12,
    "organisationId": 16,
    "amount": 1000000.5,
    "name": "High-level Band"
  }
]
```

### 35. Get ContributionBand by Id

**URL** – GET /contributions/bands/{id}

#### Failure Response:

```
{
  "message": " Contribution Band for the specified Id not
found.",
  "statusCode": 404
}
```

#### Success Response:

Status Code: 200 ok

Body:

```
{
  "id": 11,
  "organisationId": 16,
  "amount": 100000.5,
  "name": "Mid-level Band"
}
```

### 36. Make Contribution

**URL** – POST /contributions/makeContribution?type=bulk

**Body:**

```
{
  "organisationId": 1,
  "uploaderId": 7,
  "totalAmount": 4000,
  "dateUploaded": 1533550583000,
```

```
    "contributions": [
      {
        "memberId": 1,
        "amount": 1000
      },
      {
        "memberId": 2,
        "amount": 1000
      },
      {
        "memberId": 3,
        "amount": 1000
      },
      {
        "memberId": 4,
        "amount": 1000
      }
    ]
  }
}
```

### **Success Response:**

**Status code:** 201 Created

#### **Body:**

```
{
  "failedID": [
    {
      "amount": 1000,
      "memberId": 1
    },
    {
      "amount": 1000,
      "memberId": 2
    }
  ],
  "id": 1,
  "numOfFailure": 2,
  "numOfSuccess": 2
}
```

### **Failure Response:**

```
{
  "message": "No member with the specified uploaderId"
  "statusCode": 404
}
```

### 37. Get Balance of a member

**URL** – GET contributions/getBalance/{member\_id}

#### Success Response:

**Status Code** – 200 OK

#### Body:

```
{
  "balance": 1000,
  "memberId": 1
}
```

#### Failure Response:

```
{
  "message": "Member with specified ID not found",
  "statusCode": 404
}
```

### 38. Self Contribution

**URL** - /contributions/makeContribution?type=self

#### Request Sample:

```
{
  "memberId": 1,
  "organisationId": 1,
  "depositorName": "Emefile Francis .F",
  "bankName": "First Bank Plc",
  "transactionId": "123456",
  "dateOfPayment": 1533550583000,
  "amountPaid": 5000
}
```

#### Success Response:

```
{
  "message": "Upload Success",
  "statusCode": 201
}
```

### 39. Get ContributionUpload by ID

**URL** – GET contributions/uploads/12

#### Success Response:

**Status Code – 200 OK**

**Body –**

```
{
  "id": 14,
  "organisationId": 1,
  "uploaderId": 1,
  "contributionSetupId": 1,
  "transactionId": "123456",
  "depositorName": "Emefile Francis .F",
  "bankName": "First Bank Plc",
  "dateOfPayment": 1533550583000,
  "totalAmount": 5000,
  "dateUploaded": 1537539668000,
  "approverId": 2,
  "isApproved": 1,
  "dateApproved": 1533550583000
}
```

**Failure Response:**

```
{
  "message": ContributionUpload with specified ID not
found.",
  "statusCode": 404
}
```

#### **40. Get ContributionUploads by organisationId**

**URL –** GET contributions/uploads?organisationId=2

**Success Response:**

**Status Code – 200 OK**

**Body –**

```
[
  {
    "id": 10,
    "organisationId": 1,
    "uploaderId": 12,
    "contributionSetupId": 0,
    "transactionId": null,
    "depositorName": null,
    "bankName": null,
    "dateOfPayment": null,
    "totalAmount": 4000,
    "dateUploaded": 1533550583000,
    "approverId": 2,
    "isApproved": 1,
  }
]
```

```

        "dateApproved": 1533550583000
    },
    {
        "id": 11,
        "organisationId": 1,
        "uploaderId": 12,
        "contributionSetupId": 0,
        "transactionId": null,
        "depositorName": null,
        "bankName": null,
        "dateOfPayment": null,
        "totalAmount": 4000,
        "dateUploaded": 1533550583000,
        "approverId": 0,
        "isApproved": 0,
        "dateApproved": null
    },
    {
        "id": 12,
        "organisationId": 1,
        "uploaderId": 7,
        "contributionSetupId": 0,
        "transactionId": null,
        "depositorName": null,
        "bankName": null,
        "dateOfPayment": null,
        "totalAmount": 4000,
        "dateUploaded": 1533550583000,
        "approverId": 0,
        "isApproved": 0,
        "dateApproved": null
    },
    {
        "id": 13,
        "organisationId": 1,
        "uploaderId": 1,
        "contributionSetupId": 1,
        "transactionId": "123456",
        "depositorName": "Emefile Francis .F",
        "bankName": "First Bank Plc",
        "dateOfPayment": 1533550583000,
        "totalAmount": 5000,
        "dateUploaded": 1537539668000,
        "approverId": 2,
        "isApproved": 1,
        "dateApproved": 1533550583000
    }
]

```

## Failure Response:

```
{
```

```
        "message": "No ContributionUploads found for the specified  
organisation",  
        "statusCode": 404  
    }  
}
```

#### **41. Approve Contribution Upload**

##### **URL -**

/contributions/approveContribution/10?approverId=2&dateApproved=2018-08-06 11:16:23

##### **Failure Response:**

```
{  
    "message": "ContributionUpload with the specified ID  
not found.",  
    "statusCode": 404  
}
```

##### **Success:**

```
{  
    "message": "Success",  
    "statusCode": 404  
}
```