

STERLING SOFTWARE PVT LTD

Technical Specifications - Masters

Project: NMF II Restful Webservice

Version 4.2
Dated: 27-May-2022

S.No	Contents	Page No.
1.1	Introduction	2
1.2	Definition	2
1.3	Scope of the project	2
1.4	General Requirements	3
1.5	Service Specific Requirements	4
1.5.1	Account Type Master Information	4
1.5.2	Holding Master Information	5
1.5.3	Occupation Master Information	5
1.5.4	Country Master Information	6
1.5.5	Bank Master Information	7
1.5.6	State Master Information	8
1.5.7	City Master Information	9
1.5.8	Tax Master Information	10
1.5.9	CSC Location Information	11
1.5.10	AMC Information	12
1.5.11	Scheme Information	13
1.5.12	Transaction Type Information	14
1.5.13	Payment Mechanism Information	15
1.5.14	Scheme Limit Information	16
1.5.15	PANExemptCategory	18
1.5.16	BillDeskBank	19
1.5.17	Applicable Income Master Information	20
1.5.18	Source of Wealth Master Information	21
1.5.19	Identification Type Master Information	22
1.5.20	Active NFE Master Information	23
1.5.21	Exemption Master Information	24
1.5.22	GIIN Exemption Master Information	25
1.5.23	UBO Master Information	26
1.5.24	PinCode Master	27
1.5.25	Scheme Frequency Master	13
1.5.26	Goal Type	30
1.5.27	Freedom SIP Master	34
1.6	Document Change History	35
1.7	Important Note	36
1.8	How to consume service	

1 Web Services – Technical Specifications

1.1 Introduction

1.2 Definitions

The following are the definitions for the terms used in the document:

1.3 Scope of the project

1.3.1 Within Scope

The scope of this project is limited to designing, building and implementing Common Transaction Acceptance Platform as described in this document.

1.3.2 Out of scope


- Building and hosting of website / client application.


1.4 General Requirements

- In addition to the service specific parameters as described in this document, the following parameters shall be mandatory input for each service:
 - Application ID – Unique User ID to authenticate Web service requests.
 - Password – Valid password for the User ID.
- The Web services will be deployed on secure channel (HTTPS).
- The Web services will return data in industry standard SOAP-XML message format.

Sl. No	Column Name	Data Type	Mandatory	Field Validation
1	Application ID (User ID)	Varchar2 (20)	Yes	Must be a valid user id in TA system designated for the purpose of authenticating web service requests.
2	Password	Varchar2 (15)	Yes	Must be a valid password for the Application ID.
3	Broker Code	Varchar2 (15)	Yes	Must be valid Broker Code.

- The web services shall return the result code as '0' or any other digit(s), where 0 indicates success and non-zero value indicates errors.
- Response format will have xml version like `<?xml version=""1.0"" encoding=""UTF-8""?>`
- The values of Application ID & Password are:

 Application ID - << Contact NSE BO >>

 Password – << Contact NSE BO >>

This is mandatory information to consume the API

- Valid Broker Code - Broker should be empaneled
- Valid Application ID and Password

1.5 Service Specific Requirements

1.5.1 Download the Account Type Master Information

Method Name : “**AccountType**”

This service will allow to get Account Type the master information

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <account_type>
    <acc_type>SB</acc_type>
    <description>Savings Account</description>
  </account_type>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Account Type:

XML Tag	Remarks
acc_type	SB
description	Savings Account

1.5.2 Download the Holding Master Information

Method Name : “**HoldingNature**”

This service will allow to get the Holding Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <holding_nature>
    <hold_nature_code>SI</hold_nature_code>
    <hold_nature_desc>SINGLE</hold_nature_desc>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </holding_nature>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Holding Nature:

XML Tag	Remarks
hold_nature_code	SI
hold_nature_desc	Single
last_modified_date	12-Dec-2018

1.5.3 Download the Occupation Master Information

Method Name : “**Occupation**”

This service will allow to get the Occupation Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <occupation_master>
    <occupation_code>1</occupation_code>
    <occupation_desc>Business</occupation_desc>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </occupation_master>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For occupation_master:

XML Tag	Remarks
occupation_code	1
occupation_desc	Business
last_modified_date	12-Dec-2018

1.5.4 Download the Country Master Information

Method Name : “**Country**”

This service will allow to get the Country Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
```

```

<service_status>
  <rows_count>1</rows_count>
  <service_return_code>0</service_return_code>
  <service_msg>Record retrieved successfully</service_msg>
</service_status>
<country_master>
  <country_code>IND</country_code>
  <country_name>INDIA</country_name>
  <last_modified_date>12-DEC-2018</last_modified_date>
</country_master>
</NMFIIServices>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For country master:

XML Tag	Remarks
country_code	IND
country_name	India
last_modified_date	12-Dec-2018

1.5.5 Download the Bank Master Information

Method Name : **“Bank”**

This service will allow to get the Bank Master information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>

```

```

        <rows_count>1</rows_count>
        <service_return_code>0</service_return_code>
        <service_msg>Record retrieved successfully</service_msg>
    </service_status>
    <bank_master>
        <bank_code>SBI</bank_code>
        <bank_name>State Bank of India</bank_name>
        <last_modified_date>01-Jan-2019</last_modified_date>
        <allow_ach>Y</allow_ach>
        <allow_emandate>N</allow_emandate>
        <allow_emandate_debitcard>Y</allow_emandate_debitcard>
        <allow_emandate_netbanking>Y</allow_emandate_netbanking>
    </bank_master>
</NMFIIService>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
Appln_id	Y	Test
Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Bank Master:

XML Tag	Remarks
bank_code	SBI
bank_name	State bank of India
Allow_EMANDATE	Y / N 'Y' – Bank is allowed for eMandate Registration. 'N' – Bank is not allowed for eMandate Registration

last_modified_date	01-Jan-2019
ALLOW_ACH	Y / N 'Y' – Bank is allowed for ACH Registration. 'N' – Bank is not allowed for ACH Registration
ALLOW_EMANDATE_DEBITCARD	Y / N 'Y' – Bank is allowed for eMandate Debit card Registration. 'N' – Bank is not allowed for eMandate Debit card Registration
ALLOW_EMANDATE_NETBANKING	Y / N 'Y' – Bank is allowed for eMandate Net banking Registration. 'N' – Bank is not allowed for eMandate Net banking Registration

1.5.6 Download the State Master Information

Method Name : “**State**”

This service will allow to get the State Master information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <state_master>
    <state_code>TN</state_code>
    <state_name>Tamil Nadu</state_name>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </state_master>
</NMFIIService>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test

Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For State Master:

XML Tag	Remarks
state_code	TN
state_name	Tamil Nadu
last_modified_date	12-Dec-2018

1.5.7 Download the City Master Information

Method Name : **“City”**

This service will allow to get the City Master information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <city_master>
    <city>Chennai</city>
    <state_code>TN</state_code>
  </city_master>
</NMFIIService>

```

```

        <country_code>IND</country_code>
        <pincode>600001</pincode>
    </city_master>
</NMFIIService>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
Appln_id	Y	Test
Password	Y	test\$258
StateCode	Y	TN

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For City master:

XML Tag	Remarks
city	chennai
state_code	TN
country_code	IND
pincode	600 001

1.5.8 Download the TAX Master Information

Method Name : “Tax”

This service will allow to get the Tax master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <tax_master>
    <tax_status_code>01</tax_status_code>
    <tax_status_desc>INDIVIDUAL</tax_status_desc>
    <minor_flag>N</minor_flag>
    <corporate_flag>N</corporate_flag>
    <nominee_flag>N</nominee_flag>
    <resident_flag>N</resident_flag>
    <jointholders_flag>N</jointholders_flag>
    <last_modified_date>01-Jan-2019</last_modified_date>
  </tax_master>
</NMFIIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For tax master:

XML Tag	Remarks
tax_status_code	1
tax_status_desc	Individual
Minor_flag	N

Corporate_flag	N
Nominee_flag	N
Resident_flag	N
Jointholders_flag	N
last_modified_date	01-Jan-2019

1.5.9 Download the CSC Location Information

Method Name : “**Location**”

This service will allow to get the CSC Location information.

The invoke requested service and return the following output.

```
<NMFIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <mfd_location>
    <location_code>M3</location_code>
    <location_name>Chennai</location_name>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </mfd_location>
</NMFIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For mfd location:

XML Tag	Remarks
location_code	M3
location_name	chennai
last_modified_date	12-Dec-2018

1.5.10 Download the AMC Information

Method Name : “**AMC**”

This service will allow to get the AMC Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <amc_master>
    <amc_code>D</amc_code>
    <long_name>DSP BLACKROCK MF</long_name>
    <last_modified_date>01-Jan-2019</last_modified_date>
    <banned_country>No</banned_country>
    <allow_pause_sip>No</allow_pause_sip>
    <allow_pause_count />
  </amc_master>
</NMFIIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Amc Master:

XML Tag	Remarks
amc_code	D
long_name	DSP Blackrock MF
last_modified_date	01-Jan-2019
banned_country	No
allow_pause_sip	No
allow_pause_count	

1.5.11 Download the Scheme Information

Method Name : **“Product”**

This service will allow to get the Scheme information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <product_master>
    <amc_code>P</amc_code>
    <product_code>01</product_code>
    <product_long_name>ICICI Prudential Tax Plan - Regular Plan - Growth
    </product_long_name>
    <systematic_frequencies>Q,OM,OW,D,SM</systematic_frequencies>
    <sip_dates>07,10,15,25</sip_dates>
    <stp_dates>01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21
    ,22,23,24,25,26,27,28,29,30,31</stp_dates>
    <swp_dates></swp_dates>
    <purchase_allowed>Y</purchase_allowed>
    <switch_allowed>Y</switch_allowed>
  </product_master>
</NMFIIService>

```

```

<redemption_allowed>Y</redemption_allowed>
<sip_allowed>Y</sip_allowed>
<stp_allowed>I</stp_allowed>
<swp_allowed>Y</swp_allowed>
<Reinvest_Tag>Y</Reinvest_Tag>
<Product_Category>OE</Product_Category>
<isin>1033R</isin>
<last_modified_date>01-Jan-2019</last_modified_date>
<active_flag>Y</active_flag>
<asset_class>CASH</asset_class>
<sub_fund_code>ICIDDDP</sub_fund_code>
<plan_type>REGUALR</plan_type>
<insurance_enabled>Y</insurance_enabled>
<rta_code>KARVY</rta_code>
<nfo_enabled>Y</nfo_enabled>
<nfo_close_date>13-Nov-2018</nfo_close_date>
<nfo_sip_effective_date>10-Jun-2019</ nfo_sip_effective_date>
<ALLOW_FREEDOM_SIP>N</ALLOW_FREEDOM_SIP>
<ALLOW_FREEDOM_SWP>N</ALLOW_FREEDOM_SWP>
<ALLOW_DONOR>N</ALLOW_DONOR>
<ALLOW_PAUSE_SIP>N</ALLOW_PAUSE_SIP>
<ALLOW_PAUSE_SIP_FREQ/>
<PAUSE_SIP_MIN_MONTH>0</PAUSE_SIP_MIN_MONTH>
<PAUSE_SIP_MAX_MONTH>0</PAUSE_SIP_MAX_MONTH>
<PAUSE_SIP_GAP_PERIOD>0</PAUSE_SIP_GAP_PERIOD>
<FREEDOM_SCHEME_OPTION>A</ FREEDOM_SCHEME_OPTION >
</product_master>
</NMFIIService>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
Appln_id	Y	Test
Password	Y	test\$258
Amccode	Y	H
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1

service_msg	(0) Success / (1) Failure
-------------	---------------------------

For Product Master:

XML Tag	Remarks
amc_code	P
product_code	2619
product_long_name	ICICI Prudential India Recovery Fund Series
systematic_frequencies	<p>D, WD, OW, OM, Q, H, Y, TW and BZ</p> <p><u>Allowed Frequency:</u></p> <p>Daily (D) Weekly (WD) Once In a Week (OW) Monthly (OM) Quarterly (Q) Half-Yearly (H) Yearly (Y) Twice a Month (TW) Business Day (BZ)</p> <p><u>OW - Frequency.</u></p> <p>Value should be Monday to Friday. It should be hardcoded value at your end and based on the selection, you have to pass the code (02, 03, 04, 05 ,06) in the service request XML.</p> <p>Monday – 02 Tuesday – 03 Wednesday – 04 Thursday – 05 Friday - 06</p>
sip_dates	07,10,15,25
stp_dates	01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31
swp_dates	
purchase_allowed	Y
switch_allowed	B & Y - Both In & Out Scheme Allowed I - In Scheme Allowed O - Out Scheme Allowed
redemption_allowed	Y
sip_allowed	Y
stp_allowed	B & Y - Both In & Out Scheme Allowed I - In Scheme Allowed O - Out Scheme Allowed
swp_allowed	Y

Reinvest_Tag	Z - Growth, Y - Reinvest, N – Payout, X – Either you can pass (Y or N).
Product_Category	OE - Open Ended Products CE - Close Ended Products
ISIN	1033R
last_modified_date	01-Jan-1990
Actif_flag	N (Invalid scheme)
asset_class	* CASH * DEBT * EQUITY * LIQUID * INCOME
sub_fund_code	ICIDDDP
plan_type	* REGULAR * DIRECT
Rta_code	KARVY
Nfo_enabled	Y - Yes N - No
Nfo_close_date	13-Nov-2018
nfo_sip_effective_date	10-Jun-2019
ALLOW_FREEDOM_SIP	Y - Yes N - No
ALLOW_FREEDOM_SWP	Y - Yes N - No
ALLOW_DONOR	Y - Yes N - No
ALLOW_PAUSE_SIP	Y - Yes N - No
ALLOW_PAUSE_SIP_FREQ	OM
PAUSE_SIP_MIN_MONTH	0
PAUSE_SIP_MAX_MONTH	0
PAUSE_SIP_GAP_PERIOD	0
FREEDOM_SCHEME_OPTION	Freedom Scheme Option is applicable for Dream SIP A – ‘Option A’ B – ‘Option B’ X – Either you can pass ‘Option A’ or ‘Option B’ in the Purchase and Systematic Transaction.

1.5.12 Download the Transaction Type Information

Method Name : “TransactionType”

This service will allow to get the Transaction Type information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <transaction_types_master>
    <txn_type>P</txn_type>
    <txn_desc>Purchase</txn_desc>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </transaction_types_master>
</NMFIIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
Appln_id	Y	Test
Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Transaction types Master:

XML Tag	Remarks
txn_type	P
txn_desc	Purchase

last_modified_date	12-Dec-2018
--------------------	-------------

1.5.13 Download the Payment Mechanism Information

Method Name : “**PaymentMechanism**”

This service will allow to get the Payment Mechanism information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <payment_mechanism>
    <payment_mechanism>Q</payment_mechanism>
    <payment_mech_desc>Cheque</payment_mechanism_desc>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </payment_mechanism>
</NMFIIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For payment mechanism:

XML Tag	Remarks
payment_mechanism	Q
payment_mech_desc	Cheque
last_modified_date	12-Dec-2018

1.5.14 Download the Scheme Limits Information

Method Name : “**ProductLimit**”

This service will allow to get the Scheme Limits information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <product_limit>
    <registrar_id>CAMS</registrar_id>
    <amc_code>P</amc_code>
    <product_code>1451</product_code>
    <product_short_name />
    <product_long_name>IICICI Prudential Target Returns Fund - Regular
Plan - Growth </product_long_name>
    <txn_type>SI</txn_type>
    <sub_txn_type>N</sub_txn_type>
    <sub_txn_type_desc>Normal</sub_txn_type_desc>
    <minimum_amount>1000</minimum_amount>
    <maximum_amount>10000000000000000</maximum_amount>
    <min_units>0</min_units>
    <multiples>0.01000000</multiples>
    <last_modified_date>01-Jan-2018</last_modified_date>
  </product_limit>
</NMFIIService>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258
Amccode	Y	H

ModifiedDate	N	25-Sep-2019
--------------	---	-------------

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Product Limits:

XML Tag	Remarks
registrar_id	CAMS
amc_code	P
product_code	2619
product_short_name	ICICI Prudential India Recovery Fund Series
product_long_name	ICICI Prudential India Recovery Fund Series 1 Regular Plan Dividend Payout
txn_type	SI
sub_txn_type	S / N
sub_txn_type_desc	Systematic / Normal
minimum_amount	500
maximum_amount	100000
min_units	500
multiples	0.01
last_modified_date	01-Jan-2018

1.5.15 Download the PAN Exempt Category Information

Method Name : **“PANExemptCategory”**

This service will allow to get the PAN Exempt Category information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <pan_exempt_category>
    <code>01</code>
    <description>SIKKIM Resident</description>
  </pan_exempt_category>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For PAN Exempt Category:

XML Tag	Remarks
code	1
description	SIKKIM Resident

1.5.16 Download the BillDesk Bank Master Information

Method Name : “**BillDeskBank**”

This service will allow to get the BillDesk Bank Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
```

```

<service_status>
  <rows_count>1</rows_count>
  <service_return_code>0</service_return_code>
  <service_msg>Record retrieved successfully</service_msg>
</service_status>
<billdesk_master>
  <bd_bank_code>UCO</bd_bank_code>
  <bd_bank_name>UCO Bank</bd_bank_name>
  <activeflag>Y</activeflag>
  <bank_category>Net Banking</bank_category>
</billdesk_master>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Billdesk Bank Master:

XML Tag	Remarks
bd_bank_code	BMD
bd_bank_name	Bank of Maharashtra
activeflag	Y
bank_category	ATM cum Debit Card

1.5.17 Download the Applicable Income Master Information

Method Name : “**ApplicableIncome**”

This service will allow to get the Applicable Income Master information.

The invoke requested service and return the following output.

```

<NMFIIService>

```



```

<service_status>
  <rows_count>1</rows_count>
  <service_return_code>0</service_return_code>
  <service_msg>Record retrieved successfully</service_msg>
</service_status>
<Applicable_Income>
  <app_income_code>31</app_income_code>
  <app_income_desc>Below 1 Lakh</bd_bank_name>
</Applicable_Income>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Applicable Income Master:

XML Tag	Remarks
app_income_code	31
app_income_desc	Below 1 Lakh

1.5.18 Download the Source of Wealth Master Information

Method Name : **“SourceWealth”**

This service will allow to get the Source of Wealth Master information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>

```

```

    </service_status>
    <SourceWealth>
      <code>04</code>
      <Source_of_wealth>Ancestral Property</Source_of_wealth>
    </SourceWealth>
  </NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Source Wealth Master:

XML Tag	Remarks
code	04
source_of_wealth	Ancestral Property

1.5.19 Download the Identification Type Master Information

Method Name : **"IDType"**

This service will allow to get the IDType Master information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <IdentificationType>

```

```

        <value>C1</value>
        <Description>Company Identification Number</Description>
    </IdentificationType>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For IDType Master:

XML Tag	Remarks
Value	C1
Description	Company Identification Number

1.5.20 Download the Active NFE Master Information

Method Name : “**ActiveNFE**”

This service will allow to get the ActiveNFE Master information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <ActiceNFE>
    <sub_code>01</sub_code>
    <sub_Category>Less than 50 percent of the NFE's gross income for the
preceding financial yearis passive income and less than 50 percent of the assets held by
theNFE during the preceding financial year are assets that produce or are held for the
production of passive income</sub_Category>
  </ActiceNFE>
</NMFIIService>

```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For ActiveNFE Master:

XML Tag	Remarks
sub_code	01
active_nfe_sub_category	Less than 50 percent of the NFE's gross income for the preceding financial year is passive income and less than 50 percent of the assets held by the NFE during the preceding financial year are assets that produce or are held for the production of passive income

1.5.21 Download the Exemption Master Information

Method Name : **“Exemption”**

This service will allow to get the Exemption Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <Exemption>
    <code>A</code>
    <sub_Category>An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)</sub_Category>
  </Exemption>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Exemption Master:

XML Tag	Remarks
code	A
sub_category	An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

1.5.22 Download the GIIN Exemption Master Information

Method Name : “**GIINExemption**”

This service will allow to get the GIINExemption Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <GIINExemption>
    <code>1</code>
    <sub_Category>Governmental Entity, International Organization or Central
Bank</sub_Category>
  </GIINExemption>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For GIIN Exemption Master:

XML Tag	Remarks
code	1
sub_category	Governmental Entity, International Organization or Central Bank

1.5.23 Download the UBO Master Information

Method Name : “**UBO**”

This service will allow to get the UBO Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <UBO_Master>
    <code>C01</code>
    <Description>CP of legal person-ownership</sub_Category>
  </UBO_Master>
</NMFIIService>
```

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For UBO Master:

XML Tag	Remarks
code	C01
Description	CP of legal person-ownership

1.5.24 Download the Pincode Master Information

Method Name : **“Pincode”**

This service will allow to get the Pincode Master information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <pincode_city_master>
    <pincode>600001</pincode>
    <city>Chennai</city>
    <country_code>IND</country_code>
    <state_code>TN</state_code>
    <last_modified_date>12-DEC-2018</last_modified_date>
  </pincode_city_master>
</NMFIIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258

City	Y	Chennai
ModifiedDate	N	25-Sep-2019

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Pincode City master:

XML Tag	Remarks
pincode	600 001
city	chennai
country_code	IND
state_code	TN
last_modified_date	12-Dec-2018

1.5.25 Download the Scheme Information

Method Name: “**SYSTEMATIC_FREQ_MASTER**”

This service will allow to get the Scheme information.

The invoke requested service and return the following output.

```

<NMFIIService>
  <service_status>
    <rows_count>1</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <PRODUCT_FRQ_MASTER>
    <amc_code>H</amc_code>
    <product_code>01</product_code>
  </PRODUCT_FRQ_MASTER>
</NMFIIService>

```



```

<sys_type>SIP </sys_type>
<frequency>Q,OM,OW,D,SM</frequency>
<dates>07,10,15,25</dates>
<active_flag>Y</active_flag>
</PRODUCT_FRQ_MASTER>
</NMFIIService>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
AppIn_id	Y	Test
Password	Y	test\$258
Amccode	Y	H

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Product Master:

XML Tag	Remarks
amc_code	H
product_code	01
sys_type	SIP
frequency	Q,OM,OW,D,SM
dates	07,10,15,25
Actif_flag	N (Invalid scheme)

1.5.26 Download the Goal type Information

Method Name : “**GoalType**”

This service will allow to get the Goal Type information.

The invoke requested service and return the following output.

```
<NMFIIService>
  <service_status>
    <rows_count>7</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>Record retrieved successfully</service_msg>
  </service_status>
  <Goal_Type_Master>
    <GOAL_TYPE>Retirement Planning</GOAL_TYPE>
    <GOAL_NAME>Retirement Planning</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
  <Goal_Type_Master>
    <GOAL_TYPE>Kids Marriage</GOAL_TYPE>
    <GOAL_NAME>Kids Marriage</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
  <Goal_Type_Master>
    <GOAL_TYPE>Kids Education</GOAL_TYPE>
    <GOAL_NAME>Kids Education</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
  <Goal_Type_Master>
    <GOAL_TYPE>Tax Savings</GOAL_TYPE>
    <GOAL_NAME>Tax Savings</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
  <Goal_Type_Master>
    <GOAL_TYPE>Dream House</GOAL_TYPE>
    <GOAL_NAME>Dream House</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
  <Goal_Type_Master>
    <GOAL_TYPE>Dream Car</GOAL_TYPE>
    <GOAL_NAME>Dream Car</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
  <Goal_Type_Master>
    <GOAL_TYPE>Dream Vacation</GOAL_TYPE>
    <GOAL_NAME>Dream Vacation</GOAL_NAME>
    <ACTIVE_FLAG>Y</ACTIVE_FLAG>
  </Goal_Type_Master>
</NMFIIService>
```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
Appln_id	Y	Test

Password	Y	test\$258
Amccode	Y	H

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

For Goal Type Master:

XML Tag	Remarks
Goal_type	Dream Car
Goal_name	Dream Car
Active_flag	Y

1.5.27 Freedom SIP Master

Method Name: “**FREEDOMSIPMASTER**”

This service will allow to get the Freedom SIP Master information.

The invoke requested service and return the following output.

```

<nmfiiservice>
  <service_status>
    <rows_count>4</rows_count>
    <service_return_code>0</service_return_code>
    <service_msg>record retrieved successfully</service_msg>
  </service_status>
  <freedom_sip_master>
    <amc_code>h</amc_code>
    <sip_tenure>8</sip_tenure>
    <sip_tenure_value>1.00</sip_tenure_value>
  </freedom_sip_master>
  <freedom_sip_master>
    <amc_code>h</amc_code>
    <sip_tenure>10</sip_tenure>
  </freedom_sip_master>
</nmfiiservice>

```

```

        <sip_tenure_value>1.50</sip_tenure_value>
    </freedom_sip_master>
<freedom_sip_master>
    <amc_code>h</amc_code>
    <sip_tenure>12</sip_tenure>
    <sip_tenure_value>2.00</sip_tenure_value>
</freedom_sip_master>
<freedom_sip_master>
    <amc_code>h</amc_code>
    <sip_tenure>15</sip_tenure>
    <sip_tenure_value>3.00</sip_tenure_value>
</freedom_sip_master>
</nmfiiservice>

```

1.5.28 Relationship Master

Method Name: “**GET_RELATIONSHIP_MASTER**”

This service will allow to get the Freedom SIP Master information.

The invoke requested service and return the following output.

```

<NewDataSet>
    <service_status>
        <rows_count>9</rows_count>
        <service_return_code>0</service_return_code>
        <service_msg>Record retrieved successfully</service_msg>
    </service_status>
    <RELATIONSHIP_MASTER>
        <FAMILY_CODE>SE</FAMILY_CODE>
        <FAMILY_DESC>Self</FAMILY_DESC>
        <ACTIVE_FLAG>Y</ACTIVE_FLAG>
    </RELATIONSHIP_MASTER>
    <RELATIONSHIP_MASTER>
        <FAMILY_CODE>SP</FAMILY_CODE>
        <FAMILY_DESC>Spouse</FAMILY_DESC>
        <ACTIVE_FLAG>Y</ACTIVE_FLAG>
    </RELATIONSHIP_MASTER>
    <RELATIONSHIP_MASTER>
        <FAMILY_CODE>DC</FAMILY_CODE>
        <FAMILY_DESC>Dependent Children</FAMILY_DESC>
        <ACTIVE_FLAG>Y</ACTIVE_FLAG>
    </RELATIONSHIP_MASTER>
    <RELATIONSHIP_MASTER>
        <FAMILY_CODE>DS</FAMILY_CODE>
        <FAMILY_DESC>Dependent Siblings</FAMILY_DESC>
        <ACTIVE_FLAG>Y</ACTIVE_FLAG>
    </RELATIONSHIP_MASTER>

```

```

</RELATIONSHIP_MASTER>
<RELATIONSHIP_MASTER>
  <FAMILY_CODE>DP</FAMILY_CODE>
  <FAMILY_DESC>Dependent Parents</FAMILY_DESC>
  <ACTIVE_FLAG>Y</ACTIVE_FLAG>
</RELATIONSHIP_MASTER>
<RELATIONSHIP_MASTER>
  <FAMILY_CODE>GD</FAMILY_CODE>
  <FAMILY_DESC>Guardian</FAMILY_DESC>
  <ACTIVE_FLAG>Y</ACTIVE_FLAG>
</RELATIONSHIP_MASTER>
<RELATIONSHIP_MASTER>
  <FAMILY_CODE>PM</FAMILY_CODE>
  <FAMILY_DESC>PMS</FAMILY_DESC>
  <ACTIVE_FLAG>Y</ACTIVE_FLAG>
</RELATIONSHIP_MASTER>
<RELATIONSHIP_MASTER>
  <FAMILY_CODE>CD</FAMILY_CODE>
  <FAMILY_DESC>Custodian</FAMILY_DESC>
  <ACTIVE_FLAG>Y</ACTIVE_FLAG>
</RELATIONSHIP_MASTER>
<RELATIONSHIP_MASTER>
  <FAMILY_CODE>PO</FAMILY_CODE>
  <FAMILY_DESC>POA</FAMILY_DESC>
  <ACTIVE_FLAG>Y</ACTIVE_FLAG>
</RELATIONSHIP_MASTER>
</NewDataSet>

```

Request Input data as table format:

XML Tag	Mandatory	Remarks
BrokerCode	Y	ARN-70209
Appln_id	Y	Test
Password	Y	test\$258

Output data as table format:

For Service Status:

XML Tag	Remarks
rows_count	1
service_return_code	0 / 1
service_msg	(0) Success / (1) Failure

Document Change History

Date	Version	Change Reference
12-Jun-2015	1.0 to 1.3	Document Created and updated
31-Aug-2015	1.4	New method added (1.5.15 and 1.5.16)
16-Sep-2015	1.5	UAT URL added, Sample code snapshot changed
13-Oct-2015	1.6	Changed the method name in 1.5.14 section
15-Dec-2015	1.7	UAT URL Changed
08-Jan-2016	1.8	Added new response fields in Product Method
05-Feb-2016	1.9	City Data based on State filter provide Pincode City Master in 1.5.7 Section. Changed AMC_CODE filter as Mandatory for Product in 1.5.11 Section and Product Limit Master in 1.5.14 section.
08-Feb-2016	1.9	Added New methods Applicable Income in 1.5.17 section, Source of Wealth in 1.5.18 section, Identification Type in 1.5.19 section, Active NFE in 1.5.20 section, Exemption in 1.5.21 section, GIIN Exemption in 1.5.22 section, and UBO Masters in 1.5.23 section.
04-Mar-2016	2.0	Added New method Pincode Master in 1.5.24 section, Added new response fields in Product Method(SIP,STP,SWP allowed) in 1.5.11 section
22-Jun-2016	2.1	Added new fields Reinvest_tag and Product_category in Product Master in 1.5.11 section.
12-Jul-2016	2.2	Added new field ISIN in Product Master in 1.5.11 section.
27-Jul-2016	2.3	Added new field last_date_modified in Bank Master in 1.5.5, Tax Master in 1.5.8, AMC Master in 1.5.10, Product Master in 1.5.11 and ProductLimit Master in 1.5.14 Section
14-Nov-2016	2.4	Added new response field Active_flag in Product_master in 1.5.11
17-Nov-2016	2.4	Added new response field asset_class in Product_master in 1.5.11
17-Nov-2016	2.4	Remarks Update for STP_Allowed Tag in Product_master in 1.5.11
02-Jan-2014	2.5	Added new response field sub_fund_code in Product_master in 1.5.11
07-May-2017	2.6	Added new response field plan_type in Product_master in 1.5.11
10-Aug-2017	2.7	Added New method " SYSTEMATIC_FREQ_MASTER " in 1.5.25 section
12-Feb-2018	2.8	Added new response field insurance_enabled in Product_master in 1.5.11
06-Mar-2018	2.9	Added new request field of modified_date in Product_master in 1.5.11

08-Mar-2018	3.0	Added new response tag of ALLOW_EMANDATE in BANK_MASTER in 1.5.5
11-Jul-2018	3.1	Added new response tag of RTA_CODE in Product_Master in 1.5.11
12-Nov-2018	3.2	Added new response tag of NFO_ENABLED, NFO_CLOSE_DATE in Product Master in section 1.5.11
16-Nov-2018	3.3	Added New method " GOALTYPE " master in section 1.5.26
24-Apr-2019	3.4	Added new response tag of nfo_sip_effective_date in Product Master in 1.5.11
10-Oct-2019	3.5	Added new response tag of " last_modified_date " in HoldingNature in 1.5.2, Occupation in 1.5.3, Country in 1.5.4, State in 1.5.6, Location in 1.5.9, AMC in 1.5.10, TransactionType in 1.5.12, PaymentMechanism in 1.5.13, Pincode in 1.5.24
27-Jan-2020	3.6	Added new response tag of " FREEDOMSIPMASTER " master in section 1.5.27
20-Feb-2020	3.7	Added new response tag of " ALLOW_DONOR " in Product_master in 1.5.11
25-Jun-2020	3.8	Added new response tags " ALLOW_PAUSE_SIP ", " ALLOW_PAUSE_SIP_FREQ ", " PAUSE_SIP_MIN_MONTH ", " PAUSE_SIP_MAX_MONTH ", " PAUSE_SIP_GAP_PERIOD " in Product_master in 1.5.11
03-Mar-2021	3.9	Added new response tags " ALLOW_FREEDOM_SIP ", " ALLOW_FREEDOM_SWP ", " ALLOW_DONOR " in Product_master in 1.5.12
04-Mar-2021	4.0	Added new response tag of ALLOW_ACH , ALLOW_EMANDATE_DEBITCARD and ALLOW_EMANDATE_NETBANKING , in BANK_MASTER in 1.5.5
16-Dec-2021	4.1	Added new response tag of FREEDOM_SCHEME_OPTION in PRODUCT_MASTER in 1.5.11
27-May-2022	4.2	Added New method " RELATIONSHIP_MASTER " master in section 1.5.28

1.7 Important Note

Error Message	Description
Bad Request	Invalid URL (Http or Https or URL is wrong).
Error occurred while processing	Tag Missing (The input XML string should contain all the XML tags irrespective of mandatory).

1.8 How to consume Service

UAT URL: <https://uat.nsenmf.com/NMFIIService/NMFService>

```
Dim url As String = https://uat.nsenmf.com/NMFIIService/NMFService/State?BrokerCode=ARN-44332&Appln\_Id=MFSSERV&Password=HJR\$W34F3
Dim request As HttpWebRequest
Dim reader As StreamReader
Dim QueryString As String = String.Empty
Dim SelectedMaster As String = String.Empty
request = DirectCast(WebRequest.Create(url), HttpWebRequest)
Dim response1 As HttpWebResponse = Nothing
response1 = DirectCast(request.GetResponse(), HttpWebResponse)
reader = New StreamReader(response1.GetResponseStream(), Encoding.UTF8)
Dim xmlele As XDocument
xmlele = XDocument.Load(reader)
Dim strReader As StringReader = New StringReader(xmlele.ToString())
Dim ds As New DataSet
ds.ReadXml(strReader)
```