**NSR API Documentation**

1. **Student Data Service Request**

**Overview**

This document provides detailed information about student data service request

**Endpoint URL**

**URL:** <https://nsraccapi.stg.uaensr.ae/MOE/NSR/RequestPersonsData> (GSB URL will provided later)

**Method:** GET

**Environment**: Staging

**Request Payload**

The GET method requires a JSON payload with the following structure:

* **Content-Type:** application/json

**JSON Schema**

{

"source": "string",

"students": [

{

"eid": "string",

"fullName": "string"

},

{

"eid": "string",

"fullName": "string"

},

{

"eid": "string",

"fullName": "string"

}

]

}

**Payload Description**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Required** | **Example** |
| Source | String | Organization number | Yes | 1 For MOE |
| Students | List of string | Student EID and Full Name | Yes | students: [{},{}] |

**Example Request Payload**

{

"source": "1",

"students": [

{

"eid": "784197900000300",

"fullName": "رانيا, ساجر"

]

}

**Responses**

**Successful Response (200 OK)**

When the request is successful, the server will respond with a JSON object containing a success message.

**JSON Schema**

{

"ResponseCode": "number",

"Data": [

{

"Eid": "string",

"ResponseCode": “number ",

"ResponseDescription": "string",

"StudentInfo": [{

"BatchNo": "string ",

"BatchName": "string ",

"BatchDate": "Date",

"NSRStatusCode": "number ",

"NSRStatusName": "string ",

"ExpectedEndServiceDate": "Date ",

"EndServiceDate": "Date ",

"EndServiceLetter": "BASE64",

"ExemptionStatus": " string ",

"ExemptionFromDate": "Date ",

"ExemptionToDate": "Date ",

"ExemptionLetter": "BASE64"

}]

},

{

"Eid": "string",

"StatusCode ": “number " ,

"ResponseDescription": "string",

“StudentInfo”:[]

},

]

}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Null** | **Example** |
| **Response Code** | number | Response code | No | Success = 1,Fail = 2 |
| **Data**  Eid  ResponseCode  ResponseDescription | List  String  number  String | List of response for each eid  Emirates id  Status of request    Error Message | No | Data: [{},{}]  784197900000300  Success = 1,Fail = 2 |
| **StudentInfo** | List | Required student information if retrieved , if not will return empty | Yes |  |
| BatchNo | String | A unique identifier for the batch. | Yes |  |
| BatchName | String | The name of the batch | Yes |  |
| BatchDate | Date | The date of the batch | Yes |  |
| NSRStatusName | String | Service status | Yes |  |
| NSRStatusCode | Number | Service status code | Yes |  |
| ExpectedEndServiceDate | Date | The expected end service date | Yes |  |
| EndServiceDate | Date | The actual end service date | Yes |  |
| EndServiceLetter | Base64 string | End service certificate | Yes |  |
| ExemptionStatus | String | The status of exemption | Yes |  |
| ExemptionFromDate | Date | The start date of the exemption period | Yes |  |
| ExemptionToDate | Date | The end date of the exemption period | Yes |  |
| ExemptionLetter | Base64 string | Exemption service certificate | Yes |  |

**Example Response Payload**

{

"ResponseCode": "1",

"Data": [

{

"Eid": " 784197900000044",

"ResponseCode": “1 ",

"ResponseDescription": "",

"StudentInfo": [{

"BatchNo": "BATCH12345",

"BatchName": "First Batch",

"BatchDate": "2024-07-09T00:00:00Z",

"NSRStatus": "Active",

"ExpectedEndServiceDate": "2024-12-31T00:00:00Z",

"EndServiceDate": "2025-01-15T00:00:00Z",

"EndServiceLetter": "Base64",

"ExemptionStatus": "Approved",

"ExemptionFromDate": "2024-08-01T00:00:00Z",

"ExemptionToDate": "2024-08-31T00:00:00Z",

"ExemptionLetter": " Base64"

}]

},

{

"Eid": “784197900000042",

"ResponseCode": “2 “,

"ResponseDescription": "fail",

“StudentInfo”: []

},

]

}

2-Push Student data (Destination service)

**Request Payload**

{

"Eid": "string ",

"BatchNo": "string ",

"BatchName": "string ",

"BatchDate": "Date",

"NSRStatusCode": "number ",

"NSRStatusName": "string ",

"ExpectedEndServiceDate": "Date ",

"EndServiceDate": "Date ",

"EndServiceLetter": "BASE64",

"ExemptionStatus": " string ",

"ExemptionFromDate": "Date ",

"ExemptionToDate": "Date ",

"ExemptionLetter": "BASE64"

}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field** | **Type** | **Description** | **Null** | **Example** |
| BatchNo | String | A unique identifier for the batch. | Yes |  |
| BatchName | String | The name of the batch | Yes |  |
| BatchDate | Date | The date of the batch | Yes |  |
| NSRStatus | String | Service status | Yes |  |
| ExpectedEndServiceDate | Date | The expected end service date | Yes |  |
| EndServiceDate | Date | The actual end service date | Yes |  |
| EndServiceLetter | Base64 string | End service certificate | Yes |  |
| ExemptionStatus | String | The status of exemption | Yes |  |
| ExemptionFromDate | Date | The start date of the exemption period | Yes |  |
| ExemptionToDate | Date | The end date of the exemption period | Yes |  |
| ExemptionLetter | Base64 string | Exemption service certificate | Yes |  |

**Sources**

|  |  |
| --- | --- |
| Code | Description |
| 1 | MOE |

**NSRStatus Codes**

|  |  |
| --- | --- |
| Code | Description |
| Null | Not registered |
| 1 | مجند (In service) |
| 2 | منهيه خدمته (Service ended) |

**Response Codes**

|  |  |
| --- | --- |
| Code | Description |
| 1 | Success |
| 2 | Failed |