**NADRA APIs**

**OCT 03, 2023**

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| --- | --- | --- |
| **API Name** | **Method** | **URL** |
| getToken | POST | http://172.16.19.57:8005/api/token/getToken |
| verifyPensiorFingerPrint | POST | http://172.16.19.57:8005/api/Nadra/verifyPensiorFingerPrint |
| GetLastVerificationResults | POST | http://172.16.19.57:8005/api/Nadra/GetLastVerificationResults |
| InsertNadra | GET | <http://172.16.19.57:8005/api/Nadra/InsertNadra?cnic=4210138018674> |
| GetCNIC | GET | http://172.16.19.57:8005/api/Nadra/GetCNIC?IPAddress=172.16.129.226 |
| GetVerificationResult | GET | <http://172.16.19.57:8005/api/Nadra/GetVerificationResult?IPAddress=172.16.129.226> |
| VerifyUser | GET | <http://172.16.19.57:8005/api/Nadra/VerifyUser?Username=nawaz> |
| InsertRunlog | POST | <http://172.16.19.57:8005/api/Nadra/InsertRunlog> |
| InsertImage | POST | <http://172.16.19.57:8005/api/Nadra/InsertImage> |
| UpdateNadraResults | POST | http://172.16.19.57:8005/api/Nadra/UpdateNadraResults |

**\*\*\* To Generate Token \*\*\***

**Endpoint:** <http://172.16.19.57:8005/api/token/getToken>

**API TYPE:** POST

**Request:**

{

    "ID":"sandbox",

    "Password":"YlTSFpQJuMWtncnCJC0vnZ8WUxzH7eHmW5xrg64B9oY"

}

**Response:**

{

"message": "Successful",

"accesssToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1bmlxdWVfbmFtZSI6IjEiLCJyb2xlIjoiQWRtaW4iLCJuYmYiOjE2NTI0MjI5MzEsImV4cCI6MTY1MjQyNjUzMSwiaWF0IjoxNjUyNDIyOTMxfQ.xoCO50B8LJp4i5kgEWCU0yMeUGSd\_NcE9vPqZyGeJpE"

}

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\*\*\*VerifyPensionerFingerPrint API\*\*\*

**Endpoint**: http://172.16.19.57:8005/api/Nadra/verifyPensiorFingerPrint

**Method:** POST

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Request Specification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter Name | | Parameter type | Details | Mandatory |
| CITIZEN\_NUMBER | **String** | | 13-digits CNIC number of the customer for which the session ID is being requested without hyphen example: 4210114220683 | Y |
| CONTACT\_NUMBER | **String** | | 11 digits user contact number | Y |
| FINGER\_INDEX | **String** | | 1 digit user finger index example 1,2,3,4,5 | y |
| FINGER\_TEMPLATE | **String** | | Thumb image in base64 format | Y |

**Request Sample:**

{

    "CITIZEN\_NUMBER": "4210138018674",

    "CONTACT\_NUMBER": "03353029939",

    "FINGER\_INDEX": "1",

    "FINGER\_TEMPLATE": "",

    "AREA\_NAME": "sindh"

}

**Response Sample (Success):**

{

    "status\_code": "100",

    "status\_message": "successful",

    "session\_id": "1505100000000162792",

    "citizen\_number": "4210138018674",

    "finger\_index": **null**,

    "result": **null**

}

**Response Sample (FAILED):**

{

    "status\_code": "122",

    "status\_message": "Invalid cnic",

    "session\_id": "1505100000000162792",

    "citizen\_number": "4210138018674",

    "finger\_index": **null**,

    "result": **null**

}

**Response Sample (FAILED):**

{

    "status\_code": "500",

    "status\_message": "Exception message",

    "session\_id": "1505100000000162792",

    "citizen\_number": "4210138018674",

    "finger\_index": **null**,

    "result": **null**

}

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**\*\*\*GetVerificationResults API \*\*\***

**Endpoint**: http://172.16.19.57:8005/api/Nadra/GetLastVerificationResults

**Method:** POST

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Request Specification:**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Parameter type | Details | Mandatory |
| CNIC | **String** | 13-digits CNIC number of the customer without hyphen example: 4220107210781 for which the session ID is being requested | Y |
| transactionId | **String** | 15 digit Unique number | Y |

**Request Sample:**

{

    "CNIC":"4210138018674",

    "transactionId":"1505831731252507118"

}

**Response Sample (Success):**

{

    "status\_code": "100",

    "status\_message": "successful",

    "session\_id": "1505100000000162792",

    "citizen\_number": "4210114220683"

}

**Response Sample (FAILD)**

{

    "status\_code": "122",

    "status\_message": "not found",

    "session\_id": "1505100000000162792",

    "citizen\_number": "4210114220683"

}

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**Response Sample (FAILD)**

{

    "status\_code": "001",

    "status\_message": "Fill all mandatory fields",

    "session\_id": "071509041063763",

    "citizen\_number": "4210114220683"

}

**\*\*\*InsertNadra API \*\*\* ???**

**Endpoint**: <http://172.16.19.57:8005/api/Nadra/InsertNadra?cnic=4210138018674>

**Method:** GET

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Response Sample (Success):**

{

    "status": "001",

    "message": "Fill all mandatory fields",

    "result": "",

}

**Response Sample (FAILD)**

{

    "status": "500",

    "message": "exception result”,

    "result": "",

}

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**\*\*\*GetCNIC API \*\*\***

**Endpoint**: [http://172.16.19.57:8005/api/Nadra/GetCNIC?IPAddress=172.16.129.226`](http://172.16.19.57:8005/api/Nadra/GetCNIC?IPAddress=172.16.129.226%60)

**Method:** GET

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Response Sample (Success):**

{

    "message": "Success",

    "status": "200",

    "result": "3520257363027"

}

**Response Sample (Success):**

{

    "message": "Success",

    "status": "200",

    "result": ""

}

**Response Sample (FAILD):**

{

    "message": "Exception Result",

    "status": "500",

    "result": ""

}

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**\*\*\* GetVerificationResult API \*\*\***

**Endpoint**: <http://172.16.19.57:8005/api/Nadra/GetVerificationResult?IPAddress=172.16.129.226>

**Method:** GET

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Response Sample (Success):**

{

    "message": "Success",

    "status": "200",

    "result": "{\"status\_code\":\"100\",\"status\_message\":\"successful\",\"session\_id\":\"1505100 000000162792\",\"citizen\_number\":\"AHVAGHVSA\"}"

}

**Response Sample (Success):**

{

    "message": "Success",

    "status": "200",

    "result": “"

}

**Response Sample (Failed):**

{

    "message": "exception result",

    "status": "500",

    "result": “"

}

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**\*\*\*VeifyUsers API \*\*\***

**Endpoint**: <http://172.16.19.57:8005/api/Nadra/VerifyUser?Username=nawaz>

**Method:** GET

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Response Sample (Success):**

{

     "message": "Success",

    "status": "200",

    "result": ""

}

**Response Sample (Failed):**

{

"message": " exception result ",

    "status": "500",

    "result": ""

}

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**\*\*\* InsertRunlog API \*\*\***

**Endpoint**: <http://172.16.19.57:8005/api/Nadra/InsertRunlog>

**Method:** POST

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Request Specification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter Name | Parameter type | Details | | Mandatory |
| user\_id | String | | User id | Y |
| sys\_user | String | | User name | Y |
| sys\_name | String | | User system id | Y |
| sys\_ip | String | | User system ip address | Y |

**Request Sample:**

{

     "user\_id":"test",

     "sys\_user":"test",

     "sys\_name":"URDTSTW4STK0003",

     "sys\_ip":"172.16.102.178"

}

**Response Sample (Success):**

{

    "message": "Success",

    "status": "200",

    "result": ""

}

**Response Sample (Failed):**

{

    "message": "exception result",

    "status": "500",

    "result": ""

}

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**\*\*\* InsertImage API \*\*\***

**Endpoint**: <http://172.16.19.57:8005/api/Nadra/InsertImage>

**Method:** POST

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Request Specification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter Name | Parameter type | Details | | Mandatory |
| cnic | **String** | | 13-digits CNIC number of the customer without hyphen example: 4220107210781 for which the session ID is being requested | Y |
| ipaddress | **String** | | User system IP Address | Y |
| imageData | **String** | | User Image Data in Base64 string | Y |

**Request Sample:**

{

     "cnic":"test",

     "ipaddress":" 4210138018674",

     "imageData":""

}

**Response Sample (Success):**

{

    "message": "Success",

    "status": "200",

    "result": "0"

}

**Response Sample (Failed):**

{

    "message": "Exception Result",

    "status": 500",

    "result": ""

}

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**\*\*\*UpdateNadraResults API \*\*\***

**Endpoint**: <http://172.16.19.57:8005/api/Nadra/UpdateNadraResults>

**Method:** POST

**Token Based Authentication:** Bearer Token required for authentication and token will be generated by using Token Function.

**Request Specification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter Name | Parameter type | | Details | Mandontary |
| CNIC | **String** | 13-digits CNIC number of the customer without hyphen example: 4220107210781 for which the session ID is being requested | | Y |
| ipaddress | **String** | User system ip address | | Y |
| VERIFYED | **String** | 1 for success and 0 failed | | Y |
| NADRA | **String** | Y | | Y |

**Request Sample (Success):**

{

     "cnic":"3630250292109",

     "ipaddress":"172.16.102.178",

     "VERIFYED":"1",

     "NADRA":"response from nadra"

}

**Response Sample (Failed):**

{

    "message": "Exception Result",

    "status": 500",

    "result":

}

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