API Documentation

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| --- | --- |
| Service Name | OTP |
| Service Code | otp |
| Version | v1.0.0 |
| Objective | Generate OTP with the help of TOTP Algo.  Validate OTP  Resend the OTP |
| Service Owner | Pritam |

Generate OTP

This API is used to generate the OTP on the basis of user account.

Endpoint Information

|  |  |
| --- | --- |
| Title | generateOtp |
| URL | api/v1.0.0/otp/generateOtp |
| Method Type | HTTP Method: POST  Content-Type: Application/JSON  Response Format: JSON  Requires Authentication: Yes |

Post Method Body Sample

|  |
| --- |
| {  "phoneNumber": "9729005940"  “userName” : “Pritam”,  “accountId” : “myaccount@gmail.com”  } |
|  |

Field Level Description

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key** | **Sample Value** | **Type** | **Required** | **Editable** | **Description** |
| phoneNumber | 9729005940 | String | Yes | No | This is the primary userID. It will be used to generate OTP. |

Response Message

|  |  |  |  |
| --- | --- | --- | --- |
| **Status Code** | **Response Mode Type** | **Condition** | **Payload** |
| 200 | ResponseModel | Successful API request will return HTTP status code 200 as a response along with a success message as shown below | { "StatusCode": 200, "TraceID" : "1324567984489789", "Message": "Records inserted successfully", "MessageTypeID" : 1 } |
| 422 | ResponseModel | If an API request is well-formed, however, due to semantic errors it is unable to process the contained instructions, an error response of HTTP  status code 422 is returned in the following format. The error response has an error code and error description/message. | {  "timestamp": 1561571053912,  "statusCode": 422,  "errorCode" : 1,  "message": "Unprocessable Entity",   "error": "Internal Server Error",  "traceID" : "1324567984489789",  "trace": "java.lang.Exception: invalid article title length!\n\tat fn.service.core.controllers.health.SecretDoor.secretDoorBouncer(SecretDoor.java:14)\n\tat java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\n\tat....<50 more lines of incomprehensible stack trace>,  "path": "/v2.1.0/article/createArticle" } |

OTP Generation Rules

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| --- | --- | --- |
| **Rule Id** | **Rule** | **Description** |
| 1 | accountID | The account id should be unique. |

Development Requirements Rules

|  |  |  |
| --- | --- | --- |
| **Rule Id** | **Rule** | **Description** |
| 1 | accountID | Account ID should have 10 characters. |

Validate OTP

This API is used to validate the OTP on the basis of user account.

Endpoint Information

|  |  |
| --- | --- |
| Title | generateOtp |
| URL | api/v1.0.0/otp/validateOtp |
| Method Type | HTTP Method: POST  Content-Type: Application/JSON  Response Format: JSON  Requires Authentication: Yes |

Post Method Body Sample

|  |
| --- |
| {  "OTP":243521  } |
|  |

Field Level Description

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Key** | **Sample Value** | **Type** | **Required** | **Editable** | **Description** |
| OTP | 243521 | Integer | Yes | No | This is the OTP it will be used for user validation. |

Response Message

|  |  |  |  |
| --- | --- | --- | --- |
| **Status Code** | **Response Mode Type** | **Condition** | **Payload** |
| 200 | ResponseModel | Successful API request will return HTTP status code 200 as a response along with a success message as shown below | { "StatusCode": 200, "TraceID" : "1324567984489789", "Message": "OTP validated successfully", "MessageTypeID" : 1 } |
| 422 | ResponseModel | If an API request is well-formed, however, due to semantic errors it is unable to process the contained instructions, an error response of HTTP  status code 422 is returned in the following format. The error response has an error code and error description/message. | {  "timestamp": 1561571053912,  "statusCode": 422,  "errorCode" : 1,  "message": "Unprocessable Entity",   "error": "Internal Server Error",  "traceID" : "1324567984489789",  "trace": "java.lang.Exception: invalid article title length!\n\tat fn.service.core.controllers.health.SecretDoor.secretDoorBouncer(SecretDoor.java:14)\n\tat java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\n\tat....<50 more lines of incomprehensible stack trace>,  "path": "/v1.0.0/api/otp/validateOtp" } |

OTP Validation Rules

|  |  |  |
| --- | --- | --- |
| **Rule Id** | **Rule** | **Description** |
| 1 | OTP | The OTP should be unique and of 6 digits. |

Development Requirements Rules

|  |  |  |
| --- | --- | --- |
| **Rule Id** | **Rule** | **Description** |
| 1 | OTP | OTP should be valid for 10 min only. |