**API Documentation**

1. **Endpoint : /register**

**Type - GET**

**Input Parameters**

**Username ( Required)**

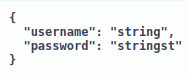
Datatype : String

Schema : String length (6-15)

**Password (Required)**

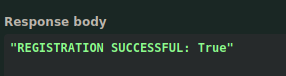
Datatype : String

Schema - String length (8-15)

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**Returns**

Returns a response message in below format

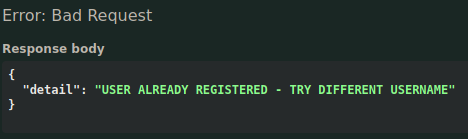
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**Curl command**

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**Error codes**

**400** - Error : Failed to register - username already taken

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1. **Endpoint : /login**

**Type** : GET

**Input Parameters**

**Username**

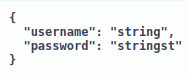
DataType : String

Schema : String length (6-15)

**Password**

DataType : String

Scheme : String length (8-15)

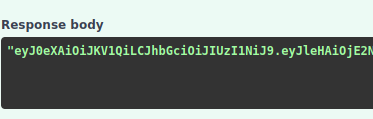


**Curl** **command**



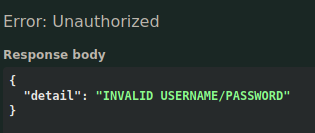
**Return**

Temporary token returned to access authenticated endpoints

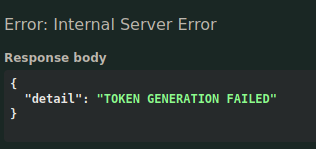


**Error Codes**

**401 -** Error : Invalid username/password

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**500 -** Token Generation failed

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1. **Keyword Endpoint : /prediction**

**Type** : POST

**Input Parameters**

**Token**

Expiry : 20 minutes

Algorithm : HS256

**Text**

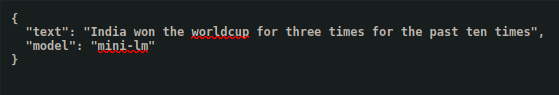
DataType : String

Schema : no length constraint

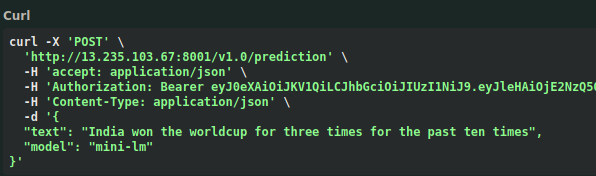
**Model**

Datatype : String

Schema : no length constraints

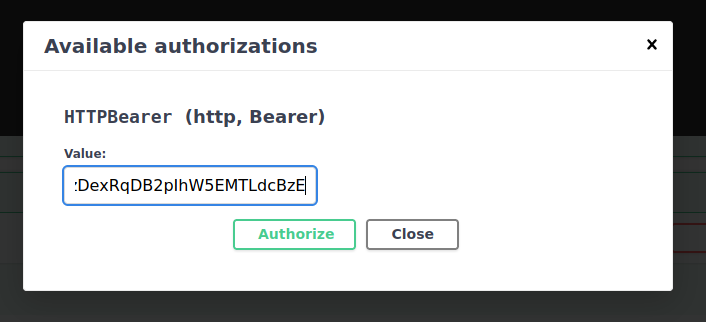


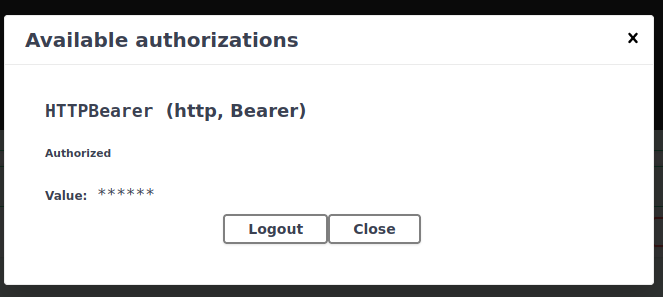
**Curl command**



**Authorization**

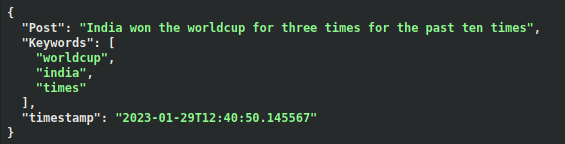
Token need to be provided to access the authorized endpoints





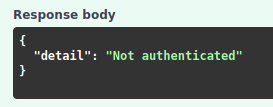
**Return**

Returns prediction as JSON object with timestamp

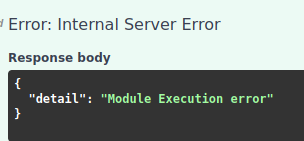


**Error Codes**

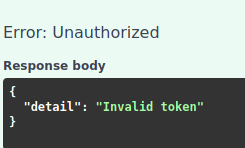
**401 - Authentication Error :** when accessed without provided token

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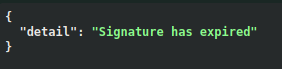
**500 - Prediction Module Error :** when error occurs inside the keyword module

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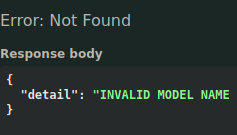
**401 - Invalid token Error** : when provided with wrong or expired token

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**489 - Expired Token :** When accessed prediction module after 20 minutes



**401 - Invalid model name**



1. **Topic Endpoint : /prediction**

**Type** : POST

**Input Parameters**

**Token**

Expiry : 20 minutes

Algorithm : HS256

**Text**

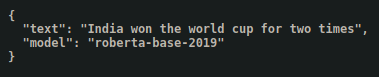
DataType : String

Schema : no length constraint

**Model**

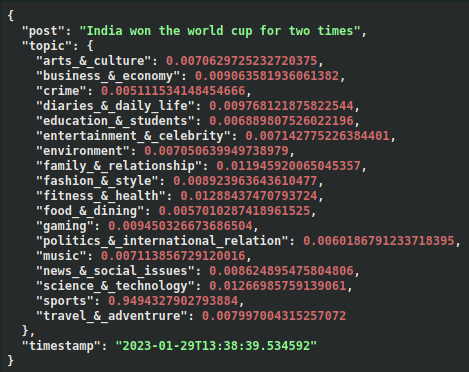
Datatype : String

Schema : no length constraints



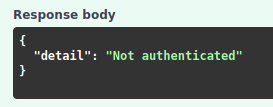
**Return**

Returns prediction as JSON object with timestamp

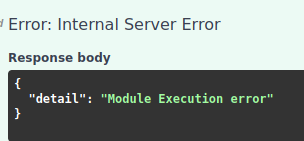


**Error Codes**

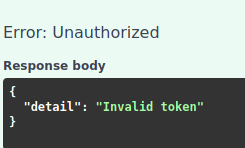
**401 - Authentication Error :** when accessed without provided token

****

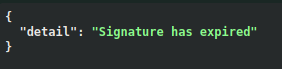
**500 - Prediction Module Error :** when error occurs inside the keyword module

****

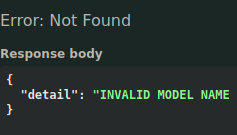
**401 - Invalid token Error** : when provided with wrong or expired token

****

**489 - Expired Token :** When accessed prediction module after 20 minutes



**401 - Invalid model name**



1. **Zero-shot Endpoint : /prediction**

**Type** : POST

**Input Parameters**

**Token**

Expiry : 20 minutes

Algorithm : HS256

**Text**

DataType : String

Schema : no length constraint

**Model**

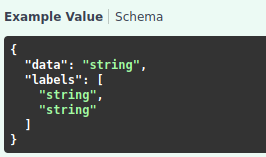
Datatype : String

Schema : no length constraints

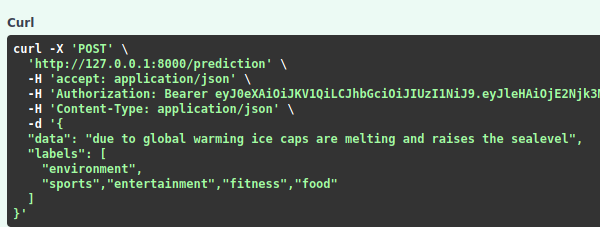
**labels**

DataType : List

Schema : List length constraint (2-20)



**Curl command**



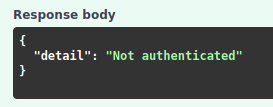
**Return**

Returns prediction as JSON object with timestamp

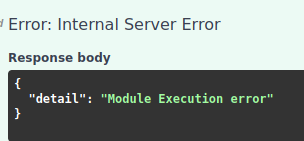


**Error Codes**

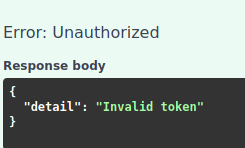
**401 - Authentication Error :** when accessed without provided token

****

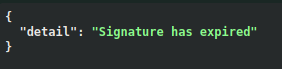
**500 - Prediction Module Error :** when error occurs inside the keyword module

****

**401 - Invalid token Error** : when provided with wrong or expired token

****

**489 - Expired Token :** When accessed prediction module after 20 minutes



**401 - Invalid model name**

