**API Specification Doc**

**(*TapHelp App*)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 01-Apr-2016 | Abhishek | Initial draft |

# Native Registration

## Description

Native registration API allows users to register to the application using their conventional Email ID and Password. The user is not required to have a google or gmail account in order to register.

URL

<http://taphelp-taphelp.rhcloud.com/Register>

### Parameters

|  |  |  |
| --- | --- | --- |
| Name | Format | Description |
| USER\_NAME | String | User name that will identify the user. |
| EMAIL\_ID | String | Email address |
| PASSWORD | String | Password |
| USER\_TYPE | Integer | 1 for Service Receiver, 2 for Service Provider. |
| FIRST\_NAME | String | First Name |
| LAST\_NAME | String | Last Name |
| ADDRESS | String | Full Address without PIN |
| PINCODE | Integer | Pin code |
| PHONENO | Integer | 10 digit phone number without + ,(,) |
| SERVICES | CSV String | Comma Separated Services if User is a service provider. |
| AUTHTYPE | INTEGER | 1 for Normal User without gmail account |

### Example

1. For Service Provider
   1. <http://taphelp-taphelp.rhcloud.com/Register?USER_NAME=abhishek&EMAIL_ID=ab@gmail.com&PASSWORD=123456&USER_TYPE=2&FIRST_NAME=ABHISHEK&LAST_NAME=BIRJEPATIL&ADDRESS=BENTONSTREET&PINCODE=95053&PHONENO=5109622263&SERVICES=household,plumbing,computer,car&AUTHTYPE=0>
   2. Response :

[DB]Rows Inserted11

NOTE: Will Fix Response, Once Rachna has the ENUM File.

1. For Service Receiver
   1. <http://taphelp-taphelp.rhcloud.com/Register?USER_NAME=tom&EMAIL_ID=ab@gmail.com&PASSWORD=123456&USER_TYPE=1&FIRST_NAME=ABHISHEK&LAST_NAME=BIRJEPATIL&ADDRESS=BENTONSTREET&PINCODE=95053&PHONENO=5109622263&SERVICES=NULL&AUTHTYPE=1>
   2. Response

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# Native Login

This API verifies if the native user has the correct credentials. If the user has incorrect credentials, status messages accordingly are sent as responses.

## URL

<http://taphelp-taphelp.rhcloud.com/Login>

## Parameters

|  |  |  |
| --- | --- | --- |
| Name | Format | Description |
| username | String | Username |
| password | String | Password. Encrypt Later. |

## Example:

### Correct Credentials

<http://taphelp-taphelp.rhcloud.com/Login?username=abhishek&password=123456>

Response:

[AUTH01] Success

### Incorrect Credentials

<http://taphelp-taphelp.rhcloud.com/Login?username=abhishek&password=123455>

Response

[AUTH02] Incorrect Password

### Incorrect Username/User Not Registered

<http://taphelp-taphelp.rhcloud.com/Login?username=ahishek&password=123455>

Response

[AUTH03] User Not Registered

# Google Registration API

Allows the user to register to the taphelp application using their google account credentials.

Process for registration is as follows:-

1. Android application calls the API with access-token and profile information.
2. The API checks the validity of the access token
3. Inserts the data into the table.
4. Sends a response to the client.

## URL

<http://taphelp-taphelp.rhcloud.com/GmailRegistration>

### Parameters

|  |  |  |
| --- | --- | --- |
| Name | Format | Description |
| USER\_NAME | String | User name will be same as email address |
| EMAIL\_ID | String | Email address |
| USER\_TYPE | Integer | 1 for Service Receiver, 2 for Service Provider. |
| FIRST\_NAME | String | First Name |
| LAST\_NAME | String | Last Name |
| ADDRESS | String | Full Address without PIN |
| PINCODE | Integer | Pin code |
| PHONENO | Integer | 10 digit phone number without + ,(,) |
| SERVICES | CSV String | Comma Separated Services if User is a service provider. |
| AUTHTYPE | INTEGER | 1 for Normal User without gmail account |
| AUTHTOKEN | String | Token for Gmail Authentication |

NOTE: Currently, THE AUTHTOKEN IS HARDCODED. IF THE API DOES NOT WORK THE TOKEN WOULD HAVE EXPIRED.

YOU CAN GET THE RECENT AUTH TOKEN FROM: <https://developers.google.com/oauthplayground/?code=4/RE9ucbiGupgGaCfG2MF6AdLDX66y0CYLHH_zBudltuE>

PASS THAT STRING AS A URL PARAMETER IN THE API.

### Example

1. For Service Provider
   1. <http://taphelp-taphelp.rhcloud.com/GmailRegistration?USER_NAME=id213&EMAIL_ID=ab@gmail.com&PASSWORD=123456&USER_TYPE=2&FIRST_NAME=ABHISHEK&LAST_NAME=BIRJEPATIL&ADDRESS=BENTONSTREET&PINCODE=95053&PHONENO=5109622263&SERVICES=test,t&AUTHTOKEN=ya29..uAKjGkUBlu8m5Rfonvsk3QdzwTaZcKLnp-UBNKO6HqNm2A_Unfonc8lntxHpU-1gJw&AUTHTYPE=2>
   2. Response :

[DB]Rows Inserted11

NOTE: Will Fix Response, Once Rachna has the ENUM File.

1. For Service Receiver
   1. <http://taphelp-taphelp.rhcloud.com/GmailRegistration?USER_NAME=GoogleServiceProvider&EMAIL_ID=service@gmail.com&PASSWORD=123456&USER_TYPE=2&FIRST_NAME=ABHISHEK&LAST_NAME=BIRJEPATIL&ADDRESS=BENTONSTREET&PINCODE=95053&PHONENO=5109622263&SERVICES=test,t&AUTHTOKEN=ya29..uAKjGkUBlu8m5Rfonvsk3QdzwTaZcKLnp-UBNKO6HqNm2A_Unfonc8lntxHpU-1gJw&AUTHTYPE=1>
   2. Response

[DB]Rows Inserted12

# Google Login

The user can be authenticated using the email address and the access-token. The validity of access token is for 3000 seconds. Each session will require authentication.

## URL

<http://taphelp-taphelp.rhcloud.com/GmailLogin>

## Parameters

|  |  |  |
| --- | --- | --- |
| Name | Format | Description |
| EMAIL\_ID | String | Google Email ID |
| AUTHTOKEN | String | Access token got from Google Sign in. |

## Example

### User Not Registered

<http://taphelp-taphelp.rhcloud.com/GmailLogin?EMAIL_ID=ab&AUTHTOKEN=ya29..uAIHXx5QgG-IbYVZK1BeX_La-xZngl_ljxzreRqm5LojfFljzMAwv8swoPSKVYY1bw>

RESPONSE:

Gmail Authentication

User Not Registered

### Invalid Auth Token

<http://taphelp-taphelp.rhcloud.com/GmailLogin?EMAIL_ID=ab&AUTHTOKEN=ya9..uAIHXx5QgG-IbYVZK1BeX_La-xZngl_ljxzreRqm5LojfFljzMAwv8swoPSKVYY1bw>

RESPONSE

Gmail Authentication

Invalid Auth Token

### Correct Credentials & Auth Token

<http://taphelp-taphelp.rhcloud.com/GmailLogin?EMAIL_ID=ab@gmail.com&AUTHTOKEN=ya29..uALLMKmoXV80Q1z_Uru8Dolig4WNGPfLyGo7YVaNSkybP7AwpheW4lSmwDnruauanA>

RESPONSE

Gmail Authentication

[AUTH01] Success