

# **APIS BACKEND CAMPFIRE**

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# Description of the document

The following document shows all the information for the APIs developed in the backend for the Portals Unity application.

## Versiones

Name	Version
José Armando Hernández Juárez	1.0

The latest version of this document can be found at the following location:  
Backend APIs Campfire - Google Documents

## Requirements for connection

For the connection to the backend, a client/library is necessary that allows for making HTTP requests (GET, POST, PUT, DELETE) from the frontend (in this case, the Unity app).

## URL Base

The base URL is the constant within all requests made to the backend.

<https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api>

## API structure

The structure of an API has 4 main elements:

Method (GET, POST, PUT, PATCH, DELETE).

Each method corresponds to an action that the HTTP request will take.

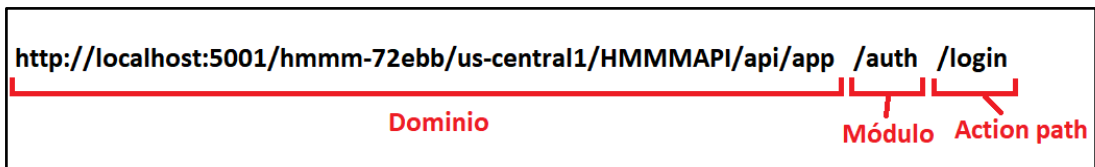
1. GET: To obtain information from a resource.
2. POST: For creating a resource and sending information.
3. PUT/PATCH: To update a resource.
4. DELETE: To delete a resource.

URL.

The URL is divided into 3 parts:

1. Server domain.
2. Module.
3. Action path

The following image describes each section within the login URL:



- **Header.**  
Within the header, important information for the server such as the session token or refresh token can be included. These are used for the security of communication between the server and the app.  
NOTE: Some requests do not require authentication in order to establish the connection.
- **Body.**  
The content of the request can include JSON, forms, files, etc.

## Connection diagram between the backend and frontend

Within the connection between the backend and the frontend, some APIs do not require authentication in order to interact with the backend, so it is not necessary to send the token in the headers or the refresh token shown in the following diagram.



In step 3, in addition to returning the JWT, a refreshToken is also returned, which must be sent in the header of all requests that require authentication. It also returns the user data for the user who logged in.

Headers in APIs with authentication must be sent in the following way:

Authorization	Bearer <code>{{Token}}</code>
refreshToken	<code>{{refresh token}}</code>
Content-Type	application/json

"In some cases when sending files to the backend, the value of the Content-Type changes to **"multipart/form-data"**.

## API response format with authentication

APIs that use authentication with tokens in their response will always have the following format":

```
{
  newIdToken: "{{TOKEN}}",
  newRefreshToken: "{{REFRESH TOKEN}}"
  data: Object with the information returned by the API
}
```

If a token value is returned in the **newToken**, it means that the backend has updated it and generated a new one because the previous one has expired.

If a value is returned in the **newRefreshToken**, it means that the backend has generated a new refresh token to be used when the main token expires. This refresh token can be used to generate a new token and prevent the user from being required to log in again.

The data varies depending on the API. Some return an object with a message or with the properties returned by the API.

Example:

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "locations": [
      {
        "_id": "hjkRBvIm8RlWLISeJAAs",
        "user_id": "bPIIm3j5bG4AI81o0cxbo",
        "latitude": "5.235235",
        "longitude": "22.3252"
      }
    ]
  }
}
```

If the newToken and newRefreshToken are null, it means that the current token and refresh can continue to be used. When the backend validates that the token is still valid, it generates a new one and returns it as a response as soon as it detects that the current one has expired.

# List of APIs

## Testing module

This module will enable APIs for simple testing from the frontend..

Module prefix	N/A
---------------	-----

### Hello World

**Action path:** /hello-world

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/hello-world>

**Method:** GET.

**Request data:** N/A.

**Validations:** N/A.

**Response data:**

JSON:

```
{ "message": "Hello world" }
```

### Get Data

**Action path:** getData

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/auth/getData>

**Method:** GET.

**Header:** (for authentication).

**Request data:** N/A.

**Validations:** Only send the session token for the backend to identify the user.

**Response data:**

JSON with user data

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "user": {
      "id": "bPIm3j5bG4AI81o0cxbo",
      "lastName": "Hernandez juarez",
      "displayName": "mandos",
      "num": 2,
      "roles": [
        "admin-users"
      ],
      "idUsuario": "PZCdHg7uB8t0YYXccs3hdSW70RUb",
      "birthDate": {
        "_seconds": 847900800,
        "_nanoseconds": 0
      },
      "photoURL": "",
      "phoneNumber": "1234567890",
      "name": "Armando",
      "disabled": false,
      "email": "jahernandez1296@gmail.com"
    }
  }
}
```

## Authentication module

This module includes APIs that allow the user to identify themselves within the app and provides security when protecting screens.

Module prefix	/auth
---------------	-------

### Login

**Action path:** /login

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/login>

**Method:** POST.

**Request data:**

JSON with the properties:

- emailOrPhone: It allows you to enter the registered email or phone number.
- password: user password.

Example:

```
{  
  "emailOrPhone": "zhemo17@gmail.com",  
  "password": "password"  
}
```

**Validations:**

- emailOrPhone: It is mandatory and must be a string. In the case of an email, it must have a valid structure with the '@' and '.com'.
- password: It is mandatory and must be a string.

**Response data:**

JSON with session information and user data.

[illegible]

**idToken:** It corresponds to the user's session token.

**refreshToken:** A token that the server uses to automatically generate a new session if the main token has expired.

**expiresIn:** The number of seconds that the generated token will expire in.

**userData:** Object with the data of the user who logs in.

## Continue as guest

This API allows the system to automatically generate a guest user (with a consecutive number) and return the data of the generated user. If you send the email and password, it logs in and generates the session..

**Action path:** /loginGuest

**Method:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/loginGuest>

**Request Data:**

If the API does not receive request data, it creates a new user.

(OPTIONAL)

JSON with the properties:

- email: User email.



```
{
  "email": "user@mail.com",
  "password": "123456"
}
```

**Validations:** They are only validated if the email and password are sent in the request. Otherwise, nothing is validated and the user is created..

### Request Data:

Whether the user was created new or logged in because they already exist, the same information as the previous login is returned, including session data and user data.

```
{
  "idToken":
    "eyJhbGciOiJIU2I1IiwiaWUiOiJlZjY0In0.eyJ1bmFpbCI6InVzZXQifDAwMDAwMDAwMUBtYWlsLmNvbSI6ImVtYWIsX3Z1cm1makVkIjpmYXczZW5iYXV0aF90ak11IjojbG90TUwODkyLCJ1c2VyX2lkIjoieyYkZnQ1plMDU3ZEhOamRScmxkS3NmZ2hlbnU3bSI6ImZpcmViYXN1Ijp7ImklkZW50aXRpZXMiOnsiZlw1haWwio1siaXNlc18wMDAwMDAwMDAxQG1hakwwY29tIl19LCJzaWduX2luX3Byb3ZpZGVyIjoicGFzc3dvcmQiPSwiaWF0IjoxNDY0OTUwODkyLCJleHAiOjE2NjQ5NTQ0OTIsImF1ZC16ImhtbW0tNzJlYmIiLCJpc3MiOiJodHRwczovL3N1Y3VyZXRva2VuLmdyb2dsZS5jb20vaG1tbS03MmViYiIsInN1YiI6ImJGZ0JaZTA1N2RITmpkUnJsZEtzczNoSzZ1N20ifQ.",
    "refreshToken":
      "eyJ3fQXV0aEVtdlxhdG9yUmVmcmVzaFRva2VuIjoieRE8gTk9UIE1PRElGNStImxvY2FsSWQ1OiJiRmdCwmUwNTdkSE5qZFJybGRlc3MzaEs2dDdtIiwicHJvdmlkZXIiOiJwYXNkd29yZCI6ImV4dHJhQ2xhaw1zIjp7fSwicHJvamVjdElkIjoiaG1tbS03MmViYiJ9",
    "expiresIn": "3600",
    "userData": {
      "_id": "EUwodJRuIdigChyFDNgu",
      "lastName": "",
      "phoneNumber": "",
      "id_usuario": "bFgBZe057dHNjdRrldKss3hK6u7m",
      "displayName": "User_0000000001",
      "num": 4,
      "roles": [
        "user"
      ],
      "name": "User_0000000001",
      "disabled": false,
      "email": "User_0000000001@mail.com"
    }
}
```

## Register

**Action path:** /register

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/register>

**Method:** POST.

**Request data:**

JSON with the properties:

- `displayName`: Username to be displayed.
- `password`: User Password.
- `email`: User Email.
- `phoneNumber`: string with the user's phone number.

Example:

```
{
  "displayName": "Carlos Zavala",
  "password": "password",
  "email": "zhemo17@gmail.com",
  "phoneNumber": "65498463521"
}
```

}

**Validations:**

- displayName: Unique string value.
- password: String.
- email: String with the unique format of "@" and ".com, .net, .mx etc".
- phoneNumber: String with unique phone number with no dashes.

**Response Data:**

JSON with save confirmation.

```
{  
  "message": "User successfully created"  
}
```

## Logout

**Action path:** /logout

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/logout>

**Method:** POST.

**Header:** (for authentication).

**Request Data:** N/A.

**Response Data:**

JSON with logout confirmation.

```
{  
  "message": "Logout success"  
}
```

## Recover Password

This password recovery action consists of 3 APIs: one to send a code to the registered email (as long as it is valid), another to send that code and have it validated, and finally, to send the new password.

**1.- Recover Password.**

**Action path:** /recoverPassword

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/recoverPassword>

**Method:** POST.

**Header:** N/A

**Request Data:**

JSON with the email property with a valid email value, as it sends a 6-digit code:

```
{  
  "email": "email@mail.com"  
}
```

- email: Valid email that the user registered with.

**Validations:**

- email: string with the format '@' and '.com, .net, .mx, etc.' (the system validates whether that email is registered and sends the code; otherwise, it sends an error message).

#### Response Data:

JSON with the message property with the confirmation message that the email has been sent:

```
1 {
2   "message": "The mail has been sent"
3 }
```

If the sent email is not registered, the system sends the following message:

```
{
  "message": "User not found"
}
```

## 2.- Validate code

**Action path:** /validateCode

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/validateCode>

**Method:** POST.

**Header:** N/A.

**Request Data:**

JSON "with the code property containing the value of the code that was sent to the email:

```
{
  "code": "405622"
}
```

**Validations:**

- code: numeric value in 'string' format with a length of 6 characters.

**Response Data:**

**NOTE:** The code expires after 2 minutes. If it is not used within that time, the code expires.

If the code is valid, the system will reply a JSON with the code and the email to confirm that the data is correct.:

```
{
  "dataRecoverPassword": {
    "code": "405622",
    "email": "jahernandez1296@gmail.com"
  }
}
```

In the event that the code expires, the system shows a message of the code that expired and another will have to be generated:

```
{
  "message": "The code has expired"
}
```

If the code is not valid, the following message is returned:

```
{
  "message": "Code not found"
}
```

## 3.- Update recover password

**Action path:** /updateRecoverPassword

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/auth/updateRecoverPassword>

**Method:** POST.

**Header:** N/A.

**Request Data:**

JSON with the properties of the new password and recovery code:

```
{
  "password": "nueva_contraseña",
  "code": "405622"
}
```

**Validations:**

- password: alphanumeric value with the new password.
- code: numerical value in "string" format with a length of 6 characters.

Both values are required.

**Response Data:**

If the values are valid, a message is sent indicating that the password was updated:

```
{
  "message": "Password updated"
}
```

In the event that for some reason the code has changed, the system validates it again, if this change is not the same used during these 3 password recovery steps, the system returns the following message:

```
{
  "message": "Code not found"
}
```

## Locations module

Within this module apply the apis to Save and get the locations with which the user will interact (locations and objects).

Module Prefix	/locations
---------------	------------

### Save location visited by user

This api saves the location that has been visited by the user.

**Action path:** /locationVisitedUser

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/locations/locationVisitedUser>

**Method:** POST.

**Header:** (for authentication).

**Request Data:**

JSON with the properties

```
{
  "user_id": "bPlm3j5bG4Al81o0cxbo",

```

```

"latitude": "5.235235",
"longitude": "22.3252"
}

```

- user\_id: Id of the user in session who uploads the location
- latitude: latitude of the location.
- longitude: longitude of the location.

#### Validations:

- user\_id: Es requerido. Registered string of characters that exist.
- latitude: Requerida. String of characters with a unique longitude.
- longitude: Requerida. String of characters with a unique latitude.

#### Response Data

JSON with the save confirmation

```

{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "message": "Location has been saved"
  }
}

```

#### Get location visited by user

This api gets a list with the locations visited by the user.

**Action path:** /getLocationsVisitedByUser/{id\_usuario}

**URL:** [https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/locations/getLocationsVisitedByUser/{ID\\_USUARIO}](https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/locations/getLocationsVisitedByUser/{ID_USUARIO})

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

#### Validations:

In the URL the last parameter "{ID\_USUARIO}" is changed by the user id that saves the location.

#### Response Data:

JSON with an array of the user locations

```

{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "locations": [
      {
        "_id": "hjkRBvIm8RlWLISeJAAs",
        "user_id": "bPIIm3j5bG4AI81o0cxbo",
        "latitude": "5.235235",
        "longitude": "22.3252"
      }
    ]
  }
}

```

## Save asset bundle and user location

Esta api guarda el asset bundle y la ubicación del usuario.

**Action path:** /locationBundle

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/locations/locationBundle>

**Method:** POST.

**Header:** (for authentication). In the Content-Type: multipart/form-data.

**Request Data:**

Form with fields

user_id	bPlm3j5bG4Al81o0cxbo
latitude	5.235235
longitude	22.3252
file	<input type="file" value="example.assetBundle"/>

- user\_id: Id of the user in session that uploads the location.
- latitude: latitude of the location.
- longitude: longitude of the location.
- file: asset bundle archive.

### Validations:

- user\_id: Required. Existing string of characters that is registered.
- latitude: Required. String of characters with a unique longitude.
- longitude: Required. String of characters with a unique latitude.
- file: Required.

### Response Data

JSON with the save confirmation

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "message": "Location and file has been saved"
  }
}
```

## Get the asset bundle and user location

This api gets a list of asset bundles with their locations per user.

**Action path:** /getLocationsAssetBundleByUser/{{id\_usuario}}

**URL:** [https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/locations/getLocationsAssetBundleByUser/{{ID\\_USUARIO}}](https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/locations/getLocationsAssetBundleByUser/{{ID_USUARIO}})

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:**

In the URL the last parameter “{{ID\_USUARIO}}” is changed by the user id that saves the location.

## Response Data:

JSON with an array of the user locations.

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "locations": [
      {
        "_id": "xKbAn96I7euqznB248qn",
        "extension": "assetBundle",
        "kind": "#storage#object",
        "latitude": "5.235235",
        "mediaLink":
"http://localhost:9199/download/storage/v1/b/assetsBundles/o/upload\_7ffcb05b40c7082f61a0c34629e38fb4?generation=1664267240245&alt=media",
        "nameBuket": "assetsBundles",
        "selfLink":
"http://localhost:9199/storage/v1/b/assetsBundles/o/upload\_7ffcb05b40c7082f61a0c34629e38fb4",
        "bucket": "assetsBundles",
        "filename": "example",
        "md5Hash": "1B2M2Y8AsgTpgAmY7PhCfg==",
        "size": "0",
        "user_id": "bPIm3j5bG4AI81o0cxbo",
        "timeCreated": "2022-09-27T03:27:20.245Z",
        "contentType": "application/octet-stream",
        "longitude": "22.3252"
      }
    ]
  }
}
```

## User Modules

Within this module, the apis are applied to manage user information. (profile in general).

Module Prefix	/users
---------------	--------

### Get information from my profile

This api returns the information of the user in session to show inside the profile.

**Action path:** /getProfile

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/getProfile>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:**

Only the Authentication Headers.

**Response Data:**

JSON with the user information.

```
1 {
2   "newIdToken": null,
3   "newRefreshToken": null,
4   "data": {
5     "_id": "bPIm3j5bG4AI81o0cxbo",
6     "displayName": "mandos",
7     "biografia": "",
8     "video": "",
9     "instagram": "",
10    "name": "Armando",
11    "email": "jahernandez1296@gmail.com"
12  }
13 }
```

### Obtain information from a public profile

This api returns the information of a user by his email to show inside the profile.

**Action path:** /getProfile/{email}

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/getProfile/example@mail.com>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** The email parameter inside the path.

**Response Data:**

JSON with user information by email.



```

1 {
2   "newIdToken": null,
3   "newRefreshToken": null,
4   "data": {
5     "_id": "HdMey9fgomfFmG8u0Uhi",
6     "displayName": "diana",
7     "biografia": "",
8     "video": "",
9     "instagram": "",
10    "name": "diana",
11    "email": "diana@mail.com"
12  }
13 }

```

## Update profile

This api allows updating the user's public profile information as well as a profile photo or video.

**Action path:** /updateProfile/{ { id\_usuario } }

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/updateProfile/exampleID>

**Method:** PUT.

**Header:** (for authentication). Additionally this header is required

**Content-Type:** **multipart/form-data** to send forms with files.

### Request Data:

Form with the following properties:

- avatar: Field to upload the image file (jpg, jpeg, png or gif). no weight limit.
- video: Field to load the video file (preferably mp4). no weight limit.
- name: Field to enter the name that the profile will have.
- displayName: Field to enter the display name a user will have.
- biografia: Field to enter text about the profile bio.
- instagram: Field to enter the instagram link of the profile.

### Validations:

- avatar: Optional. File type that is an image.
- video: Optional. File type that is preferably an .mp4.
- name: requerido. Character string with maximum 50 characters in length
- displayName: requerido. C Character string with maximum 25characters in length.
- biografia: Optional. Character string with maximum 400 characters in length.
- instagram: Optional. Character string with maximum 100 characters in length.

### Response Data:

JSON with the updated information and from the files the URL is returned to access the file.

```

1 {
2   "newIdToken": null,
3   "newRefreshToken": null,
4   "data": {
5     "_id": "bPI3j5bG4AI81o0cxbo",
6     "displayName": "mandos",
7     "biografia": "",
8     "video": "",
9     "instagram": "",
10    "photoURL": "http://localhost:9099/firebasestorage.googleapis.com/v0/b/mvp1-ef60a.appspot.com/o/media%2Fjahernandez1296@gmail.com%2Fupload_america-mexico-logo.png?alt=media",
11    "name": "Jose Armandos",
12    "email": "jahernandez1296@gmail.com",
13    "videoURL": "http://localhost:9099/firebasestorage.googleapis.com/v0/b/mvp1-ef60a.appspot.com/o/media%2Fjahernandez1296@gmail.com%2Fupload_WhatsApp%20Video%202022-10-07%20at%2012.28.10%20PM.mp4?alt=media"
14  }
15 }

```

## Get number of followers and following

This api allows to obtain the number of followers and the number of people we follow.

**Action path:** /follow-up

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/follow-up>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** N/A.

**Response Data:**

JSON with the number of followers and followed:

```

{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "followers": 1,
    "following": 1
  }
}

```

## Seguir perfil

This api allows you to follow a profile.

**Action path:** /follow/{ id\_usuario } [id de usuario a seguir]

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/follow/example-id>

**Method:** POST.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only that in the path of the url as the last parameter is a valid id. If the same id of the person who is in session is sent, the service returns an exception.

### Response Data:

If there are no validation errors:

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "message": "Following"
  }
}
```

If the profile is already followed, that is, the request is sent 2 times, the service returns a message that this user is already followed.

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "message": "Already follow this user"
  }
}
```

### Unfollow a profile

This api allows you to unfollow a profile.

**Action path:** /unfollow/{id\_usuario} [id de usuario a dejar de seguir]

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/unfollow/example-id>

**Method:** POST.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only that in the path of the url as the last parameter is a valid id. If the same id of the person who is in session is sent, the service returns an exception.

### Response Data:

JSON with the message indicating that the user has been unfollowed.

```
{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "message": "Unfollow user"
  }
}
```

### Reporting a user

This api allows to add the user to a blocking blacklist.

**Action path:** /lock-user/{id\_usuario} [id de usuario a bloquear]

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/lock-user/id-usuario>

**Method:** POST.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only that in the path of the url as the last parameter is a valid id. If the same id of the person who is in session is sent, the service returns an exception.

**Response Data:**

JSON with the message indicating that the user has been blocked.

## Get Profile Videos

This api gets the list of videos that the user has uploaded on his profile..

**Action path:** /getMyVideosProfile

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/getMyVideosProfile>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header.

**Response Data:** JSON with the list of videos that contains the general information of the video (url, music, description) and within each json of the video there are properties of comments and likes, each one with the name of the user and avatar.

```
1 * {
2 *   "Videos": [
3 *     {
4 *       "_id": "Op5DTm6p81EmurXsLSm",
5 *       "url": "https://firebasestorage.googleapis.com/v0/b/hmmm-72ebb.appspot.com/o/videos%2Evideo1-1668168279.mp4?alt=media",
6 *       "music": "",
7 *       "description": "Vide numero 1 de prueba",
8 *       "comments": [
9 *         {
10 *           "comment": "Buen video",
11 *           "displayName": "mandos",
12 *           "avatar": "",
13 *           "create": "11/11/2022"
14 *         },
15 *         {
16 *           "comment": "Buen video jajaja",
17 *           "displayName": "mandos",
18 *           "avatar": "",
19 *           "create": "11/11/2022"
20 *         }
21 *       ],
22 *       "likes": [
23 *         {
24 *           "displayName": "Armando Juarez",
25 *           "create": "1/12/2022"
26 *         },
27 *         {
28 *           "displayName": "mandos",
29 *           "avatar": "",
30 *           "create": "1/12/2022"
31 *         }
32 *       ]
33 *     }
34 *   ]
35 * }
```

## Get videos I've liked

This api gets the list of videos that the user has liked.

**Action path:** /getVideosLikesProfile

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/getVideosLikesProfile>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header.

**Response Data:** JSON with the list of videos that the user in session has given a like that contains the general information of the video (url, music, description) and within each json of

the video there are properties of comments and likes, each one with the name of the video. user and avatar.

```
{
  "videos": [
    {
      "_id": "INdZHQsZ1BjRbg16Nb82",
      "assetbundleLink": "",
      "user_id": "ES24wNQaDTvXff68Vhhd",
      "created": "12/6/2022",
      "soundLink": "",
      "videoLink": "https://firebasestorage.googleapis.com/v0/b/hmmm-72ebb.appspot.com/o/videos%2F1670290465441.mp4?alt=media",
      "description": "",
      "comments": [],
      "likes": [
        {
          "displayName": "mandos",
          "avatar": "",
          "create": "12/6/2022"
        }
      ]
    }
  ],
}
```

## Get list of users I follow

This api allows you to obtain the list of people I follow so that a search can be carried out later on the frontend.

**Action path:** /getUsersFollow

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/getUsersFollow>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header.

**Response Data:** JSON with the list of users with the attributes of name, lastName, email, displayName.

```

{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "users": [
      {
        "_id": "HdMey9fgomfFmG8u0Uhi",
        "displayName": "diana",
        "name": "diana",
        "lastName": "",
        "email": "diana@mail.com"
      },
      {
        "_id": "zkURBSf8Wn6qOQCAKMY",
        "displayName": "Armando Juarez",
        "name": "Armando Juarez",
        "lastName": "",
        "email": "heernandezjuarezjosearmando@gmail.com"
      },
      {
        "_id": "rtLfc2DsTF3NV3PFOEr",
        "displayName": "Angel Hernandez",
        "name": "Angel Hernandez",
        "lastName": "",
        "email": "angelhernandez@gmail.com"
      }
    ]
  }
}

```

## Get list of users who follow me

This api allows you to obtain the list of people who follow me so that a search can be carried out later on the frontend.

**Action path:** /getUsersFollowMe

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/users/getUsersFollowMe>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header.

**Response Data:** JSON with the list of users with the attributes of name, lastName, email, displayName.

```

{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "users": [
      {
        "_id": "HdMey9fgomfFmG8u0Uhi",
        "displayName": "diana",
        "name": "diana",
        "lastName": "",
        "email": "diana@mail.com"
      },
      {
        "_id": "zkURBSf8Wn6qOQCAKMY",
        "displayName": "Armando Juarez",
        "name": "Armando Juarez",
        "lastName": "",
        "email": "heernandezjuarezjosearmando@gmail.com"
      },
      {
        "_id": "rtLfc2DsTF3NV3Pf0Aer",
        "displayName": "Angel Hernandez",
        "name": "Angel Hernandez",
        "lastName": "",
        "email": "angelhernandez@gmail.com"
      }
    ]
  }
}

```

## Video Modules

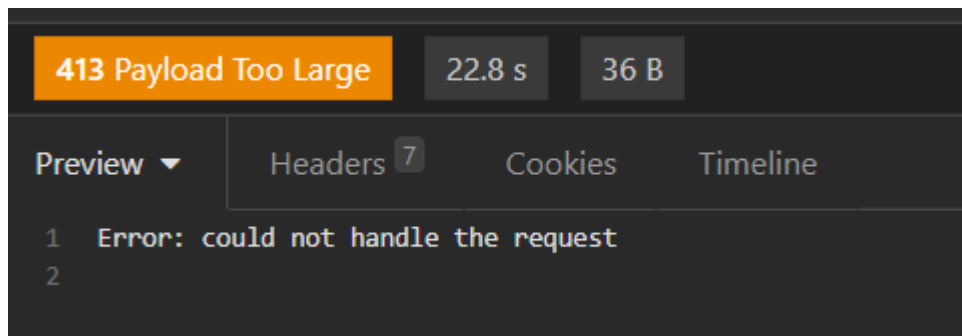
Within this module, the apis are applied for the functions of interaction with the videos.

Module Prefix	/videos
---------------	---------

### Upload video

This api allows to upload a new video to the user in session.

**NOTE: FOR THE MOMENT THIS API ONLY ALLOWS YOU TO UPLOAD VIDEO FILES OF MAXIMUM 5 MB. IF YOU TRY TO GAIN MORE WEIGHT, IT WILL MARK AN ERROR LIKE THE FOLLOWING:**



**Action path:** /upload

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/videos/upload>

**Method:** POST.

**Header:** (for authentication). Content-Type: multipart-form-data

**Request Data:**

Form with the fields:

- video: Video file in mp4, avi or 3gp format.
- description: Optional description of the video.
- assetbundleLink: url of the assetbundle linked to the video.
- soundLink: url of the sound that will accompany the video.

**Validations:**

- video: Mandatory video file in mp4, avi or 3gp format.
- description: Optional alphanumeric field. (if it does not contain a value, the field with value must be sent as an empty string).
- assetbundleLink: Optional alphanumeric field. (If it does not contain a value, the field with value must be sent as an empty string).
- soundLink: Optional alphanumeric field. (If it does not contain a value, the field with value must be sent as an empty string).

**Response Data:**

JSON with the message indicating that the video has been saved.



```

1 {
2   "newIdToken": null,
3   "newRefreshToken": null,
4   "data": {
5     "message": "Video saved"
6   }
7 }

```

## Delete a video

This api allows to delete a video (it only allows to delete the owners of the video).

**Action path:** /{{ video\_id }} [id del video a eliminar]

**URL:** [https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/videos/{{video\\_id}}](https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/videos/{{video_id}})

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header. The system validates that the user in session who tries to delete the video is the one who uploaded it if he does not return a message that he is not authorized. If the video does not exist, the message that the video cannot be found is returned.

**Response Data:** JSON with the message that the video has been removed.

```

{
  "newIdToken": null,
  "newRefreshToken": null,
  "data": {
    "message": "Video deleted"
  }
}

```

## Get videos from the (following) section

This api gets the list of videos uploaded by the user I follow.

**Action path:** /getFollowingVideos

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/videos/getFollowingVideos>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header.

**Response Data:** JSON with the list of videos of the users that the user in session has followed that contains the general info of the video (url, music, description) and within each

json of the video there are properties of comments and likes, each one with the username and avatar.

```
{
  "videos": [
    {
      "_id": "INdZHQsZ1BjRbg16Nb82",
      "assetbundleLink": "",
      "user_id": "ES24wNQaDTvXfF68Vhhd",
      "created": "12/6/2022",
      "soundLink": "",
      "videoLink": "https://firebasestorage.googleapis.com/v0/b/hmmm-72ebb.appspot.com/o/videos%2F1670290465441.mp4?alt=media",
      "description": "",
      "comments": [],
      "likes": [
        {
          "displayName": "mandos",
          "avatar": "",
          "create": "12/6/2022"
        }
      ]
    }
  ]
},
```

## Get videos from the (For You) section

This api gets the list of new videos that have been uploaded by the user that does not follow the user in session.

**Action path:** /getVideosForYou

**URL:** <https://us-central1-hmmm-72ebb.cloudfunctions.net/HMMMAPI/api/app/videos/getVideosForYou>

**Method:** GET.

**Header:** (for authentication).

**Request Data:** N/A.

**Validations:** Only send the authentication header.

**Response Data:** JSON with the list of videos of the users who are not followed by the user in session that contains the general information of the video (url, music, description) and within each json of the video there are properties of comments and likes, each one with the username and avatar.

```
{
  "videos": [
    {
      "_id": "INdZHQsZ1BjRbg16Nb82",
      "assetbundleLink": "",
      "user_id": "ES24wNQaDTvXfF68Vhhd",
      "created": "12/6/2022",
      "soundLink": "",
      "videoLink": "https://firebasestorage.googleapis.com/v0/b/hmmm-72ebb.appspot.com/o/videos%2F1670290465441.mp4?alt=media",
      "description": "",
      "comments": [],
      "likes": [
        {
          "displayName": "mandos",
          "avatar": "",
          "create": "12/6/2022"
        }
      ]
    }
  ]
},
```