



API Documentation

Version 1.0

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How to use

The LMS Portals API is organised around Representational State Transfer ([REST](#)). Our API is designed to use built-in HTTP features, like HTTP authentication and HTTP response codes. Regarding the responses, JSON is returned in all responses from the API, including errors.

If your LMS domain is called “mylearning”, then the API base URL for your domain is

Base URL: `https://mylearning.lmsportals.net/api`

The version V1 of the API consumes data – information about users, categories and courses details about your domain.

The summary of resource URL patterns is:

```

GET    /v1/users
GET    /v1/users/id:{userId}
POST   /v1/users/signup
POST   /v1/user/edit/id:{userId}
DELETE /v1/user/delete/id:{userId}
GET    /v1/categories
GET    /v1/categories/id:{userId}
POST   /v1/category/create
POST   /v1/category/edit/id:{categoryId}
DELETE /v1/category/delete/id:{userId}

```

```
GET /v1/courses
GET /v1/courses/id:{userId}
```

Authentication

Only super administrators and portal administrators are able to activate API support and get the API key.

You authenticate to the LMS Portals APIs by providing the API key in the request. You can manage your API key from your portal administration account (Portal Profile) in the top right corner. Be sure to keep your API key secret, as it is the main resource to authenticate to the API.

Single-sign-on

Single Sign-On (SSO) is an authentication and authorization process that allows a user to access a domain without having to login directly via the login page. In order to make it happen you have to generate sso url using sso generate API. You need to call the below endpoint to get a sso url.

Request: POST

Headers: api-key : {YOUR_API_TOKEN}

```
Endpoint : {base_url}/v1/sso/generate
```

You will get the SSO url in response to the above api as mentioned below. You need to run that SSO url into the browser to log into a specific portal.

Retrieving sso url – Example response

```
{
  "status": "success",
  "sso_url":
  "https://mylearning.lmsportals.net/sso/wQoaW6CZ7DvhvR7d654dEFkMOAH1fImXqBMnx2G"
}
```

You can see sso url in the above response. You need to run that url into the browser and it will log you to your LMS Portals domain and allow access content without logging into the login page.

The SSO URL changes every time it is used, so don't store it anywhere. You need to make a fresh request for each and every login.

Admin Profile

You can retrieve the details of administrator profile for a specific portal. you need to call the below endpoint to get a response.

Request: GET

Headers: api-key : {YOUR_API_TOKEN}

Endpoint : {base_url}/v1/admin/profile

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving admin profile details – Example response

```
{
  "status": "success",
  "message": "admin profile details fetched successfully",
  "data": {
    "id": "1",
    "first_name": "dummy",
    "last_name": "dummy",
    "email": "dummy@mailinator.com",
    "biography": "<ul><li><b>This is my portal biography<br></p>",
    "favicon_title": "Mylocal",
    "favicon_image":
    "a:2:{s:13:\"company_image\";s:8:\"8812.png\";s:13:\"favicon_image\";s:12:\"fav_8812.png"
```

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```

\";}",
  "slider_text": "<p><b>There are many variations</b> of passages of Lorem Ipsum
available, but the majority have suffered alteration in some form, by injected humour,
or randomised words which don't look even slightly believable. </p><ul><li>If you are
going to use a passage of Lorem Ipsum, you need to be sure there isn't anything
embarrassing hidden in the middle of text. </li><li>If you are going to use a passage of
Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle
of text. </li></ul>",
  "homebanner_image":
"https://mylearnig.lmsportals.net/uploads/homebanner_image/1024.jpg",
  "role_id": "1",
  "permissions": null,
  "date_added": null,
  "last_modified": "1653988506",
  "verification_code": null,
  "status": "1",
  "is_zoom_connected": "Y",
  "api_key": "FaY0PjG3lzwTKDub8VNIxvdghsjYeTCrDg6nEDFuxLFU9nC2sGOB",
  "is_active": "1",
  "login_key": "RKiHpWjqviouL0nKqz1AFfXS/BpwWWLFjzPtM"
}
}

```

Errors

LMS Portals API uses HTTP response codes to indicate success or failure of requests. Specifically, codes in the 2xx range indicate success, codes in the 4xx range indicate an error that resulted from the provided arguments (e.g. instead of an integer a string is supplied) and 500 error code indicate an internal LMS Portals error.

All errors return JSON consisting of a response status (success or error) and a message describing the error.

Response codes summary

200	Request executed properly
400	A required parameter is missing or an invalid type (e.g. a string) was supplied instead of an integer
401	Invalid API key provided
403	API is not enabled for the specified domain or the domain is currently inactive

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404	The requested resource (e.g. user) does not exist
409	The requested resource (e.g. email) already exist
500	Internal server error

❖ Users

- GET ALL USERS

You can retrieve a list of all your users that are signed up in a specific portal. you need to call the below endpoint to get a response & you can choose parameters as mentioned below.

Endpoint : `{base_url}/v1/users`

Request Parameters:

page	Optional
per_page	Optional (max: 250)

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving all users – Example response

```
{
  "status": "success",
  "message": "All users fetched successfully.",
  "data": [
    {
      "id": "157",
      "first_name": "dummy",
      "last_name": "dummy",
      "email": "dummy@gmail.com",
      "biography": null,
      "role_id": "2",
      "date_added": "1654518712",
      "last_modified": null,
      "verification_code": "ef56464f4860a3e20e765c4bab876",
      "status": "0",
    }
  ]
}
```

```

        "is_zoom_connected": "N",
        "is_active": "0",
        "profile_pic": ""
    },
    {
        "id": "155",
        "first_name": "dummy",
        "last_name": "dummy",
        "email": "dummy@mailinator.com",
        "biography": null,
        "role_id": "2",
        "date_added": "1654253106",
        "last_modified": "1654519526",
        "verification_code": "ecdb1a999929ddc053994ac5dd43",
        "status": "0",
        "is_zoom_connected": "N",
        "is_active": "0",
        "profile_pic":
        "https://mylearning.lmsportals.net/uploads/user_image/mylocal1/155.jpg"
    }
]
}

```

- GET USER DETAIL

You can retrieve details of individual user. To retrieve a specific user you need to call the below endpoint.

Endpoint : `{base_url}/v1/users/{userID}`

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving a user – Example response

```

{
  "status": "success",
  "message": "user fetched successfully.",
  "data": {
    "id": "199",
    "first_name": "dummy",
    "last_name": "dummy",
    "email": "dummy@gmail.com",
    "biography": null,

```

```

    "role_id": "2",
    "date_added": "1638364791",
    "last_modified": "1653641954",
    "verification_code": null,
    "status": "1",
    "is_zoom_connected": "N",
    "is_active": "0",
    "profile_pic":
    "https://mylearning.lmsportals.net/uploads/user_image/mylocal1/199.jpg"
  }
}

```

- USER SIGNUP

You can sign up a user in your domain by calling the below endpoint with given parameters.

Endpoint : `{base_url}/v1/users/{userID}`

Request Parameters:

first_name	Required
last_name	Required
email	Required
password	Required

If the provided arguments are valid, then the above call returns a response in the following format.

```

{
  "status": "success",
  "message": "user updated successfully.",
  "data": {
    "id": "135",
    "first_name": "dummy",
    "last_name": "dummy",
    "email": "dummy@mailinator.com",
    "biography": null,
    "role_id": "2",
    "date_added": "1653309726",
    "last_modified": "1654150719",
    "verification_code": "2f7e45bdfss9b0ee44d94e185923fc4",
    "status": "0",
    "is_zoom_connected": "N",
    "is_active": "0"
  }
}

```



```
}
```

- EDIT USER

You can update a user in your domain by calling the below endpoint with given parameters.

Endpoint : `{base_url}/v1/user/edit/{userID}`

Request Parameters:

<code>first_name</code>	Required
<code>last_name</code>	Required
<code>email</code>	Required
<code>user_imgae</code>	Optional

If the provided arguments are valid, then the above call returns a response in the following format.

Edit a user – Example response

```
{
  "status": "success",
  "message": "user updated successfully.",
  "data": {
    "id": "108",
    "first_name": "dummy",
    "last_name": "dummy",
    "email": "dummy@mailinator.com",
    "biography": null,
    "role_id": "2",
    "date_added": "1654753271",
    "last_modified": "1654753397",
    "verification_code": "c612e0dcf358f7d7251aa64aef9a9",
    "status": "0",
    "is_zoom_connected": "N",
    "is_active": "0",
    "profile_pic":
    "https://mylearning.lmsportals.net/uploads/user_image/mylocal1/108.jpg"
  }
}
```

- DELETE A USER

You can delete the user by calling the below endpoint.

Endpoint : `{base_url}/v1/user/delete/{userID}`

If the provided arguments are valid, then the above call returns a response in the following format.

```
{
  "status": "success",
  "message": "user deleted successfully."
}
```

❖ Categories

- GET ALL CATEGORIES

You can retrieve a list of all your categories. To retrieve all categories you need to call below endpoint and choose below parameters as you want.

Endpoint : `{base_url}/v1/categories`

Request Parameters:

page	Optional
per_page	Optional (max: 250)

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving all categories – Example response

```

{
  "status": "success",
  "message": "All categories fetched successfully.",
  "data": [
    {
      "id": "10",
      "code": "18f8d1865b",
      "name": "dummy",
      "parent": "0",
      "slug": "dummy",
      "date_added": "1654540200",
      "last_modified": null,
      "font_awesome_class": null,
      "thumbnail":
"https://mylearning.lmsportals.net/uploads/thumbnails/category_thumbnails/a09a147ce4f86926323ed9d8b82.jpg"
    },
    {
      "id": "15",
      "code": "195646ab24",
      "name": "dummy",
      "parent": "0",
      "slug": "dummy",
      "date_added": "1654540200",
      "last_modified": null,
      "font_awesome_class": null,
      "thumbnail":
"https://mylearning.lmsportals.net/uploads/thumbnails/category_thumbnails/b3064286e056385099144c18a20.jpg"
    },
    {
      "id": "251",
      "code": "eb100fe088",
      "name": "dummy",
      "parent": "52",
      "slug": "dummy",
      "date_added": "1654540200",
      "last_modified": null,
      "font_awesome_class": null,
      "thumbnail": null
    }
  ]
}

```

- GET CATEGORY DETAIL

You can retrieve a detail of an individual category .To retrieve a specific category you need to call the below endpoint.

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Endpoint : {base_url}/v1/categories/{categoryID}

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving a category - Example response

```
{
  "status": "success",
  "message": "category fetched successfully.",
  "data": {
    "id": "156",
    "code": "1bdd34098e",
    "name": "dummy",
    "parent": "125",
    "slug": "dummy",
    "date_added": "1654713000",
    "last_modified": null,
    "font_awesome_class": null,
    "thumbnail": null,
    "parent_category": {
      "id": "125",
      "code": "898da43846",
      "name": "dummy",
      "parent": "0",
      "slug": "dummy",
      "date_added": "1654713000",
      "last_modified": null,
      "font_awesome_class": null,
      "thumbnail":
        "https://mylearning.lmsportals.net/uploads/thumbnails/category_thumbnails/category-thumb
        nail.png"
    }
  }
}
```

- CATEGORY CREATE

You can create a new category in the domain by calling the below endpoint with given parameters as you want.

Endpoint : {base_url}/v1/category/create

Request Parameters:

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name	Required
parent	optional (Mandatory only to create subcategory)
category_thumbnail	optional

If the provided arguments are valid, then the above call returns a response in the following format.

```
{
  "status": "success",
  "message": "Category created successfully.",
  "data": {
    "id": "134",
    "code": "dc747cf336",
    "name": "dummy",
    "parent": "124",
    "slug": "dummy",
    "date_added": "1654713000",
    "last_modified": null,
    "font_awesome_class": null,
    "thumbnail": null,
    "parent_category": {
      "id": "124",
      "code": "898da43846",
      "name": "dummy",
      "parent": "0",
      "slug": "dummy",
      "date_added": "1654713000",
      "last_modified": null,
      "font_awesome_class": null,
      "thumbnail": "category-thumbnail.png"
    }
  }
}
```

- EDIT CATEGORY

You can edit a specific category in the domain by calling the below endpoint with given parameters as you want.

Endpoint : {base_url}/v1/category/edit/{categoryID}

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Request Parameters:

name	Required
parent	Optional (mandatory only to create subcategory)
category_thumbnai	Optional

If the provided arguments are valid, then the above call returns a response in the following format.

```
{
  "status": "success",
  "message": "category updated successfully.",
  "data": {
    "id": "52",
    "code": "b267303035",
    "name": "dummy",
    "parent": "0",
    "slug": "dummy",
    "date_added": "1653417000",
    "last_modified": "1654713000",
    "font_awesome_class": null,
    "thumbnail":
    "https://mylearning.lmsportals.net/uploads/thumbnails/category_thumbnails/2fd119ea543736499206fd0617cbf.jpg"
  }
}
```

- DELETE CATEGORY

You can delete the category by calling the below endpoint.

Endpoint : `{base_url}/v1/category/delete/{categoryID}`

If the provided arguments are valid, then the above call returns a response in the following format.

```
{
  "status": "success",
  "message": "category deleted successfully."
}
```

❖ Courses

- GET ALL COURSES

You can retrieve a list of all your courses. To retrieve all courses you need to call Below endpoint and choose below parameters as you want.

Endpoint : `{base_url}/v1/courses`

Request Parameters:

```
page                Optional
per_page            Optional (max: 250)
filter_by[visibility] Optional (SA | LPO)
```

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving all courses – Example response

```
{
  "status": "success",
  "message": "All courses fetched successfully",
  "data": [
    {
      "id": "196",
      "title": "dummy",
      "description": "",
      "short_description": "",
      "language": null,
      "category_id": "6",
      "sub_category_id": "8",
      "section": "[133]",
      "requirements": "[]",
      "user_id": "1",
      "thumbnail":
      "https://mylocal1.lmsportals.net/uploads/thumbnails/course_banners/mylocal1/course_thumbnail_default_149.jpg",
    }
  ]
}
```

```

        "video_url":
"https://mylocal1.lmsportals.net/uploads/thumbnails/lesson_mp4video/55a6705b8a77e4de32d0
1f848aff7b44.mp4",
        "date_added": "1638448540",
        "last_modified": "1648146600",
        "visibility": null,
        "is_library_course": "1",
        "is_lp_only": "Y",
        "is_admin": "1",
        "status": "active",
        "can_download_certificate": "1",
        "cert_eligibility_percent": "100",
        "course_type": "system",
        "course_overview_provider": "MP4",
        "meta_keywords": null,
        "meta_description": null,
        "is_free_course": "1",
        "is_deleted": "0"
    },
    {
        "id": "164",
        "title": "dummy ",
        "description": "",
        "short_description": "",
        "language": null,
        "category_id": "6",
        "sub_category_id": "0",
        "section": "[]",
        "requirements": "[]",
        "user_id": "1",
        "thumbnail": null,
        "video_url": "",
        "date_added": "1653915879",
        "last_modified": null,
        "visibility": null,
        "is_library_course": "0",
        "is_lp_only": "N",
        "is_admin": "1",
        "status": "pending",
        "can_download_certificate": "1",
        "cert_eligibility_percent": "100",
        "course_type": "system",
        "course_overview_provider": "",
        "meta_keywords": null,
        "meta_description": null,
        "is_free_course": "1",
        "is_deleted": "0"
    }
]
}

```

- COURSE DETAIL

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You can retrieve a detail of an individual course .To retrieve a specific course you need to call the below endpoint.

```
Endpoint : {base_url}/v1/courses/{courseID}
```

If the provided arguments are valid, then the above call returns a response in the following format.

Retrieving a course – Example response

```
{
  "status": "success",
  "message": "course fetched successfully.",
  "data": {
    "id": "16",
    "title": "dummy",
    "description": "",
    "short_description": "",
    "language": null,
    "category_id": "6",
    "sub_category_id": "8",
    "section": "[9,10,70]",
    "requirements": "[]",
    "user_id": "1",
    "thumbnail":
    "https://mylearning.lmsportals.net/uploads/thumbnails/course_banners/mylocal1/course_thumbnail_default_16.jpg",
    "video_url":
    "https://mylearning.lmsportals.net/uploads/thumbnails/lesson_mp4video/2aa6c6b8f653175c22df7c43b1aaaa.mp4",
    "date_added": "1606110722",
    "last_modified": "1632853800",
    "visibility": null,
    "is_library_course": "0",
    "is_lp_only": "N",
    "is_admin": "1",
    "status": "active",
    "can_download_certificate": "1",
    "cert_eligibility_percent": "97",
    "course_type": "system",
    "course_overview_provider": "MP4",
    "meta_keywords": null,
    "meta_description": null,
    "is_free_course": "1",
    "is_deleted": "0",
    "category_data": {
      "id": "6",
```

```
    "code": "b6f11356fa",
    "name": "dummy",
    "parent": "0",
    "slug": "dummy",
    "date_added": "1602441000",
    "last_modified": "1639333800",
    "font_awesome_class": "fas fa-chess",
    "thumbnail":
      "https://mylearning.lmsportals.net/uploads/thumbnails/category_thumbnails/3531bf2690b021
      9c6124b9d36022f.jpg"
  },
  "sub_category_data": {
    "id": "8",
    "code": "c5128a3be8",
    "name": "dummy",
    "parent": "6",
    "slug": "dummy",
    "date_added": "1604428200",
    "last_modified": "1643049000",
    "font_awesome_class": null,
    "thumbnail": null
  }
}
```

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