Ganesha Life Mobile App API Specification

## Content-Type

application/x-www-form-urlencoded. Warna merah mengindikasikan parameter bersifat required, dan warna hitam mengindikasikan parameter bersifat optional. Untuk beberapa parameter diberikan nilai default

## Response Format

JSON

## Response Building Block

Setiap kembalian API selalu dalam bentuk:

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": *object, array*  } |

Untuk alert:

* code :
  + 2xx : success
  + 4xx : client error (error pasti dari sisi klien, karena kurang parameter, format parameter yang salah, etc)
  + 5xx : server error
* message : gunakan pesan yang siap ditampilkan menjadi message box. Message akan digunakan untuk menginformasikan user jika 4xx atau 5xx terjadi.

## 

## Endpoint

* Authentication
  + Log In
  + Log Out
  + Change Password
  + Forgot Password
  + Sign Up
* Read Now
  + Get list post per category
  + Set bookmark
  + Set rating
  + Search In All Post
* My Library
  + Get My Library Data
  + Search In My Library
* My Bookmark
  + Get My Bookmark Post
  + Search In My Bookmark
* Explore
  + Get Available List in Kategori or Topics
* General
  + Set as followed or unfollowed
  + Get Post From Specific Publisher
  + Get Publisher Detail

# Authentication

Endpoint yang terkait terhadap authentication.

### **Login**

#### Endpoint

http://<base\_url>/mobileglapi/login

#### Type

POST

#### JSON Body

##### Example

|  |  |
| --- | --- |
| body | {“username”:”nickname”,“password”:”password”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "login success"  },  "data": {  "user\_id": 29,  "username": "Yanfa Adi Putra",  "email": "blabla@gmail.com",  "role": 1,  "token": "8f5f8683897f42aaa89163ba3d91951d"  }  }  role memiliki 2 kemungkinan nilai : 1 untuk mahasiswa itb / civitas akademika itb, 2 untuk guest |

### 

### **Logout**

#### Endpoint

http://<base\_url>/mobileglapi/logout

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| Auth-Token | access token yang berfungsi sebagai identifier trucking company |  |

#### Example

|  |  |
| --- | --- |
| Example | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "logout success"  },  "data": "ok"  } |

### **Change Password**

Melakukan proses logout

#### Endpoint

http://<base\_url>/mobileglapi/changepassword

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| Auth-Token | access token yang berfungsi sebagai identifier trucking company |  |
| oldPassword | old password adalah password yang lama | dikirim dalam bentuk hash? Base64? |
| newPassword | new password adalah password yang baru | dikirim dalam bentuk hash? base64? |

Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“oldPassword”:”oldpassword”,”newPassword”:”newpassword”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "change password success"  },  "data": {  "user\_id": 29,  "username": "Yanfa Adi Putra",  "email": "blabla@gmail.com",  "role": 1,  "token": "8f5f8683897f42aaa89163ba3d91951d"  }  }  token berubah ketika proses change password berhasil |

## **Forgot Password**

#### Endpoint

http://<base\_url>/ mobileglapi /forgotpassword

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| email | Email dari pengguna yang ingin untuk forgot password |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“email”:”blabla@gmail.com”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "forgot password request success"  },  "data": "ok"  } |

# **Sign Up**

#### Endpoint

http://<base\_url>/mobileglapi/signup

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| username | Username pengguna |  |
| password | password pengguna |  |
| email | email pengguna |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“username”:”nickname”,“password”:”password”,”email”:”blabla@gmail.  com”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "sign up success"  },  "data": "ok"  } |

# 

# 

# Read Now

### **Post list per kategori**

Retrieve seluruh post sesuai dengan yang sudah di follow oleh id yang bersangkutan sesuai dengan kategori yang diminta

#### Endpoint

http://<base\_url>/mobileglapi/post

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |
| kategori | kategori dari post | 1. highlight 2. lomba 3. acara 4. beasiswa 5. isukampus |
| offset | offset request yang akan dikembalikan server, awal post yang mau di request |  |
| limit | jumlah request yang dikembalikan server |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“kategori”:1,”offset”:0,”limit”:3} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "postId": “POS1234”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "publisherId": “PUB1234”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”<http://google.com/apa>”  }  {  "postId": “POS1235”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "publisherId": “PUB1234”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  },  {  "postId": “POS1236”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "publisherId": “PUB1234”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  }  ]  } |

### **Set Bookmark**

#### Endpoint

http://<base\_url>/ mobileglapi/setbookmark

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | User id yang bersangkutan |  |
| postId | Post id yang ingin di set sebagai bookmark |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“postId”:”POS1234”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "set bookmark success"  },  "data": "ok"  } |

### **Set Rating**

#### Endpoint

http://<base\_url>/mobileglapi/rating

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | User id yang ingin diminta detailnya | Pastikan setiap user hanya dapat me-rating satu kali |
| postId | Post id yang ingin diminta detailnya |  |
| rating | Nilai rating yang diberikan | Nilai rating berupa integer 1-5 |
| description | Deskripsi dari rating yang diberikan |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“postId”:”POS1234”,”rating”:5, “description”:”bagus”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "set rating success"  },  "data": "ok"  } |

### **Search All Post**

Retrieve seluruh post sesuai dengan publisher yang sudah di follow oleh id yang bersangkutan

#### Endpoint

http://<base\_url>/mobileglapi/searchpost

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |
| searchQuery | Query yang dimasukkan | Jangan lupa di escape yaa |
| offset | offset request yang akan dikembalikan server, awal post yang mau di request |  |
| limit | jumlah request yang dikembalikan server |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“searchQuery”:”gemastik”,”offset”:0,”limit”:3} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "postId": “POS1234”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”<http://google.com/apa>”  },  {  "postId": “POS1235”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  },  {  "postId": “POS1236”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  }  ]  } |

# My Library

### **Get My Library Data**

Retrieve seluruh library yang sudah di follow oleh id yang bersangkutan

#### Endpoint

http://<base\_url>/mobileglapi/library

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |
| type | Tipe dari post yang diikutin | 1. publisher 2. topics |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“type”:1} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "id": “PUB1234”,  "name": “HMIF”,  "publisher": “hmif”,  "rating": “4.7”  },  {  "id": “PUB1234”,  "name": “HMIF”,  "publisher": “hmif”,  "rating": “4.7”  },  {  "id": “PUB1234”,  "name": “HMIF”,  "publisher": “hmif”,  "rating": “4.7”  }  ]  }  Note : rating 0.0 jika type = 2 |

### **Search All My Library**

#### Endpoint

http://<base\_url>/mobileglapi/searchlibrary

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |
| searchQuery | Query yang dimasukkan | Jangan lupa di escape yaa |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“searchQuery”:”HMIF”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "id": “PUB1234”,  "name": “HMIF”,  "type": “Publisher”,  "publisher": “hmif”,  "rating": “4.7”  },  {  "id": “PUB1234”,  "name": “Penelitian”,  "type": “Topic”,  "publisher": “hmif”,  "rating": “4.7”  },  {  "id": “PUB1234”,  "name": “HMIF”,  "type": “Publisher”,  "publisher": “hmif”,  "rating": “4.7”  }  ]  }  Note : rating 0.0 jika type = 2 |

# My Bookmark

### **Get My Bookmarked Post**

Retrieve seluruh post yang telah di bookmark oleh user yang bersangkutan

#### Endpoint

http://<base\_url>/mobileglapi/bookmark

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "postId": “POS1234”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”<http://google.com/apa>”  },  {  "postId": “POS1235”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  },  {  "postId": “POS1236”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  }  ]  } |

### **Search in All My Bookmark**

#### Endpoint

http://<base\_url>/mobileglapi/searchbookmark

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |
| searchQuery | Query yang dimasukkan | Jangan lupa di escape yaa |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“searchQuery”:”HMIF”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "postId": “POS1234”,  "title": “Siapa sedang menang apa dimana”,  "publisherId": “PUB1234”,  "publisher": “hmif”,  "rating": “4.7”  },  {  "postId": “POS1235”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "rating": “4.7”  },  {  "postId": “POS1236”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "rating": “4.7”  }  ]  } |

# Explore

### **Get Available List Publisher or Topics in Kategori**

Retrieve seluruh list publisher atau topic

#### Endpoint

http://<base\_url>/mobileglapi/explorekategori

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |

#### Example

http://<base\_url>/mobileglapi/l

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  “publisherId": “PUB1234”,  "type": “Publisher”,  "name": “HMIF”,  "rating": “4.7”,  "Keterangan": “Himpunan Mahasiswa Informatika”  "isFollowing": true  },  {  “publisherId": “PUB1234”,  "type": “Topik”,  "name": “Info Lomba”,  "Keterangan": “Info seputar lomba”,  "rating": “0.0”  "isFollowing": true  },  {  “publisherId": “PUB1234”,  "type": “Publisher”,  "name": “HMIF”,  "Keterangan": “Himpunan Mahasiswa Informatika”,  "rating": “4.7”  "isFollowing": false  }  ]  }  Note : publisherId merupakan id publisher/topik |

# General

### **Set as Followed or Unfollowed**

#### Endpoint

http://<base\_url>/mobileglapi/setfollow

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| userId | Id dari user |  |
| publisherId | Id dari publisher atau topik | Pastikan biar ga redundan |
| follow | Apakah ingin follow atau tidak | True : follow, false : unfollow |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“userId”:”12345”,“publisherId”:”PUB1234”,”follow”:true} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "set follow success"  },  "data": "ok"  } |

### **Get Post from Specific Publisher or Topic**

Retrieve seluruh post sesuai publisher atau topi per kategori yang diminta

#### Endpoint

http://<base\_url>/mobileglapi/postpubtop

#### Type

POST

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| publisherId | Id dari publisher atau topik |  |
| kategori | kategori dari post | 1. highlight 2. lomba 3. acara 4. beasiswa 5. isukampus |
| offset | offset request yang akan dikembalikan server, awal post yang mau di request |  |
| limit | jumlah request yang dikembalikan server |  |

#### Example

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |
| Body | {“publisherId”:”PUB12345”,“kategori”:1,”offset”:0,”limit”:3} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data": [  {  "postId": “POS1234”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”<http://google.com/apa>”  },  {  "postId": “POS1235”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  },  {  "postId": “POS1236”,  "title": “Siapa sedang menang apa dimana”,  "publisher": “hmif”,  "content": “lorem isum haseekk”,  "rating": “4.7”,  "postedAt": “2016-11-22T21:41:03Z”,  "imageUrl":”http://google.com/apa”  }  ]  } |

### **Get Publisher Detail**

#### Endpoint

http://<base\_url>/mobileglapi/publisher

#### Type

GET

#### Parameter

|  |  |  |
| --- | --- | --- |
| Nama | Deskripsi | Note |
| publisherId | Id dari publisher |  |

#### Example

http://<base\_url>/mobileglapi/postdetail?postId=PUB1234

|  |  |
| --- | --- |
| Header | {“Auth-Token”:” 8f5f8683897f42aaa89163ba3d91951d”} |

#### Response

|  |
| --- |
| {  "error": false,  "alerts": {  "code": "200",  "message": "retrieve success"  },  "data":  {  "publisherID": “PUB1234”,  "name": “HMIF”,  "detailName": "Himpunan Mahasiswa Informatika",  "facebookAccount": “Himpunan Mahasiswa Informatika”,  "facebookUrl": “https://facebook.com/hmif”,  "twitterAccount": “hmifitb”,  "lineAccount": ”@aX2m1”,  "address": “labtek V!!!”,  "contentGoal": “Lorem isum dolor sit amet….”  "contentProker": “Gemastik Glory”  }  }  Note : untuk content “enter” diganti dengan “\n” |