API documentation v0.1

# General Notes

* For clients, the response data format from the API is **json**.
* Variables in {} in the URLs are to be changed to their appropriate values!
* The API examples only describe how to use the API and should not be used directly!
* The API examples are given using REST

# Response Formats

There are **three** different types of response that is provided by the API. There are:

1. Success
2. Error
3. Server Message

## Success Response

This is given if the request was successful.

### Data Format:

|  |  |  |
| --- | --- | --- |
| Field | Data type | Comments |
| Response | int | Is always ‘**1’** |
| Data | array | Contains data requested. |

## Error Response

This is given if an unknown error has occurred.

### Data Format:

|  |  |  |
| --- | --- | --- |
| Field | Data type | Comments |
| Response | int | Is always ‘**-1’** |
| error\_message | String | Error message |

# User API

The functionalities available are:

1. Sign up
2. Login
3. Community data
4. News
5. Announcement

## Sign up

### Format:

{hostname}/new-user?call\_no={Call-up Number}&code={Verification Code}&password={password}&batch={Batch}&state={State of deploymernt}&request={Requesting re-deployment}&state\_request={State of re-deployment}

### Example:

*[http://localhost/kopawee/new-user?](http://localhost/kopawee/new-user? call_no=1000&code=1000&password=password&batch=10&state=kwara&request=0&state_request=)* [call\_no=1000&code=1000&password=password&batch=10&state=kwara&request=0&state\_request=](http://localhost/kopawee/new-user? call_no=1000&code=1000&password=password&batch=10&state=kwara&request=0&state_request=)

### Sample success response:

{"response":"1","data": "The user has been registered"}

### Request Fields

|  |  |  |
| --- | --- | --- |
| Field | Data type (length) | Comments |
| call\_no (required) | String (15) | User’s call up no |
| code (required) | Int (15) | Verification code (We assume the process of getting the verification code has already been completed manually) |
| password (required) | String (25) | User’s preferred password |
| batch (required) | Int (15) | User’s batch no |
| state (required) | String (25) | User’s current state of deployment |
| request (required) | Int (1) | Boolean to determine if the user requests a redeployment or not |
| state\_request (optional) | String (25) | The state of redeployment requested by the user (if present) |

### Response Data Fields

|  |  |  |
| --- | --- | --- |
| Field | Data type | Comments |
| response | int | 1 (success) or -1 (error) |
| data | String |  |
| error | String |  |

## Login

### Format:

{hostname}/get-data? call\_no={Call-up Number}&password={password}

### Example:

[*http://localhost/kopawee/get-data?* call\_no=1000&password=password](http://localhost/kopawee/get-data?%20call_no=1000&password=password)

### Sample success response:

{"response":"1","data":{"ID":"2","call\_no":"1000","code":"1000","password":"prince","batch":"1","state":"osun","request":"0","request\_state":"","dp":"1403955524.png","alias":"Kay Lee","status":"testing this code"}}

### Resquest Fields

|  |  |  |
| --- | --- | --- |
| Field | Data type (length) | Comments |
| call\_no (required) | String (15) | User’s call up no |
| password (required) | String (25) | User’s password |

### Response Data Fields

|  |  |  |
| --- | --- | --- |
| Field | Data type | Comments |
| Response | int | 1 (success) or -1 (error) |
| Error | String | Error message |
| Data | array | Json array of the user’s data |
| ID | Int |  |
| Call\_no | String | User’s call up no |
| Code | int | User’s verification code |
| Password | String | User’s password |
| Batch | int | Use’s batch no |
| State | String | Use’s state |
| Request | int | Indicates if user requested for redeployment or not |
| Request\_state | String | Redeployment state requested by user during registration |
| Dp | String | Display picture name.  To get dp from server, call url in format: http://localhost/kopawee/community/dps/{DP} |
| Alias | String | Community username |
| Status | String | Community status |

## Community Data

Note: use this to update the user’s community profile

### Format:

{hostname}/community/update

### Example:

[*http://localhost/kopawee/community/update*](http://localhost/kopawee/community/update)

### **Method:**

POST

### Parameters:

|  |  |  |
| --- | --- | --- |
| Field | Data type (length) | Comments |
| Call\_no (required) | string | User’s call up no |
| Password (required) | String | User’s password |
| Dp (required) | File | User’s preferred dp |
| alias (required) | String | User’a preferred display name |
| Status | String | User’s preferred profile status |

### Sample success response:

{"response":"1","data":"Success, update successful"}

## News

### Format:

{hostname}/news/

### Example:

<http://localhost/kopawee/news>

Response Fields

|  |  |  |
| --- | --- | --- |
| Field | Data type | Comments |
| Response | Int | Is always 1 |
| Data | String | An multidimentional array of the top ten news articles |
| Title | String | News title |
| Link | String | url to news page |
| Desc | String | Description of news article |
| Content | String | More detailed news content |
| Date | String | Date of related news article |

## Announcement

### Format:

{hostname}/announcement/

### Example:

<http://localhost/kopawee/announcement/>

### Sample success response:

{"response":"1","data":"Testing "}

### Response Data Fields

|  |  |  |
| --- | --- | --- |
| Field | Data type | Comments |
| Response | int | Always 1 |
| Data | String | Contains the latest announcement as set by the web admin |