**API Specification Doc**

**(*For Android& IOS*)**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Author** |
| 1.0 | 01-May-2016 | Prateek Kumar |

**Index**

[1. login](#h.bit7idv2ancx)

2.

**Methods**

## 1. login

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | api/login/ |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| POST  POST | username  password | string  string |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **Response will be an object containing the list of recipes (array)**  **as well as the updated recipe database. Each item in the recipe array**  **has the following structure.** |
| 400 | {"error":"Please provide username."} |
| 400 | {"error":"Please provide password."} |
| 401 | {"error":"Incorrect username or password."} |

## 2. Get Updates

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | api/updates/ |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD  POST | auth\_key  version | string  number |

**auth\_key**

The auth\_key that was given in response to /api/login

**version**

The current version of internal recipe database. Each time when updates are pulled from the server through the web service, the internal database version is incremented.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **Response will be an object containing the list of recipes (array)**  **as well as the updated recipe database. Each item in the recipe array**  **has the following structure.** |
| 400 | {"error":"Please specify database version."} |
| 400 | {"error":"Invalid database version."} |
| 401 | {"error":"Invalid API key."} |
| 500 | {"error":"Something went wrong. Please try again later."} |

## 3. Deletions

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | api/deletions/ |

|  |  |  |
| --- | --- | --- |
| **Type** | **Params** | **Values** |
| HEAD  POST | auth\_key  version | string  number |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 | **An array containing the ID’s of recipes to delete is given**  Example response:-  {"deletions":[10,11,40], "version":"5"} |
| 400 | {"error":"Please specify database version."} |
| 400 | {"error":"Invalid database version."} |
| 401 | {"error":"Invalid Auth key."} |
| 500 | {"error":"Something went wrong. Please try again later."} |

**Glossary**

## Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client’s part

5XX - Error occurred in server’s part

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | OK |
| 201 | Created |
| 202 | Accepted (Request accepted, and queued for execution) |
| 400 | Bad request |
| 401 | Authentication failure |
| 403 | Forbidden |
| 404 | Resource not found |
| 405 | Method Not Allowed |
| 409 | Conflict |
| 412 | Precondition Failed |
| 413 | Request Entity Too Large |
| 500 | Internal Server Error |
| 501 | Not Implemented |
| 503 | Service Unavailable |