

## API Reference

# Bamboo Database

API Version: 1.0.0

For interfacing with the Bamboo Bot database. You can use `testing` as your General Use API key to test any read-only functions.

OpenAPI v3 spec file constructed using [Stoplight Studio](https://stoplight.io)

## CONTACT

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Terms of service: <http://swagger.io/terms/>

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## Security and Authentication

### SECURITY SCHEMES

KEY	TYPE	DESCRIPTION
Admin_Key	apiKey	For write access to the database.
General_Key	apiKey	For read only access to the database

# API

## 1. USERS

For operations on user objects

### 1.1 GET /users

**Get all users in database**

Returns an array of names of all users in the database

#### REQUEST

No request parameters

#### RESPONSE

STATUS CODE - 200: OK

RESPONSE MODEL - application/json

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### 1.2 POST /users

**Add a new user to the database**

Adds a user to the database with the supplied name

#### REQUEST

REQUEST BODY - application/json

#### RESPONSE

STATUS CODE - 200: OK

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
OBJECT WITH BELOW STRUCTURE		
name*	string	
assignments	array	
name*	string	
due_date*	string	

STATUS CODE - 405: Invalid input

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### 1.3 DELETE /users

**Delete a user from the database**

Delete a user with supplied name from the database

#### REQUEST

No request parameters

#### RESPONSE

STATUS CODE - 200: OK

### 1.4 GET /users/{name}

Get assignments for user

Get assignments for a user with specified name

#### REQUEST

PATH PARAMETERS

NAME	TYPE	EXAMPLE	DESCRIPTION
*name	string		Name of user to get assignments for, case-sensitive

#### RESPONSE

STATUS CODE - 200: OK

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
ARRAY OF OBJECT WITH BELOW STRUCTURE		
name*	string	
due_date*	string	

### 1.5 POST /users/{name}

Add assignments for user

Add an assignment for a user

#### REQUEST

PATH PARAMETERS

NAME	TYPE	EXAMPLE	DESCRIPTION
*name	string		Name of user to get assignments for, case-sensitive

REQUEST BODY - application/json

NAME	TYPE	DESCRIPTION
name*	string	
due_date*	string	

#### RESPONSE

STATUS CODE - 200: OK

RESPONSE MODEL - application/json

STATUS CODE - default: successful operation

### 1.6 DELETE /users/{name}

Delete user

Delete the user with specified name

## REQUEST

### PATH PARAMETERS

NAME	TYPE	EXAMPLE	DESCRIPTION
*name	string		Name of user to get assignments for, case-sensitive

## RESPONSE

STATUS CODE - 200: OK

STATUS CODE - 401: Unauthorized

RESPONSE MODEL - application/json

STATUS CODE - 404: Not Found

RESPONSE MODEL - application/json

## 1.7 GET /overview

### Get all users and their assignment count

Get an object containing the name of each user and the number of assignments they have

## REQUEST

No request parameters

## RESPONSE

STATUS CODE - 200: OK

RESPONSE MODEL - application/json

NAME	TYPE	DESCRIPTION
ARRAY OF OBJECT WITH BELOW STRUCTURE		
name	string	
assignment_count	integer	

# API List

## users

For operations on user objects

METHOD	API
get	/users Get all users in database
post	/users Add a new user to the database
delete	/users Delete a user from the database
get	/users/{name} Get assignments for user
post	/users/{name} Add assignments for user
delete	/users/{name} Delete user
get	/overview Get all users and their assignment count

## users