

CBWA

CA Project Part 1

Updated Due Date:

11:59 pm Saturday 31 October 2020

Routes	2
Projects	2
Get all projects	2
Get individual projects	2
Add new Projects individually	2
Users	3
Get all users	3
Get individual users	3
Add new users individually	3
BONUS: Hash the password/key	3
Issues	4
Get all issues (bring comments with it)	4
Get individual issues	4
Get all issues for a project	4
BONUS: Updated the status of an issue	4
Add new issues to a project individually	4
Comments	5
Get all comments (optional)	5
Get all comments for an author (optional)	5
Get all comments for an issue	5
Get individual comments for an issue	5
Add new comments to an issue	5

Routes

Projects

Get all projects

{GET} [/projects](#)

Get individual projects

{GET} /projects/{SLUG}

{GET} [/projects/BUGS](#)

{GET} [/projects/BOOKS](#)

Add new Projects individually

{POST} [/projects](#)

Json body:

```
{
  "slug": "NEW",
  "name": "Brand new project",
  "description": "this is a new project"
}
```

The slug should be unique for all projects, but error checking isn't mandatory for CA project part1

(continued...)

Users

Get all users

{GET} [/users](#)

Get individual users

{GET} /users/{EMAIL}

{GET} [/users/me@cbwa.com](#)

{GET} [/users/dave@cbwa.com](#)

You can use the Objectid, but email would be preferable

Add new users individually

{POST} [/users](#)

Json body:

```
{
  "name": "McGregor",
  "email": "McGregor@cbwa.com",
  "usertype": "user"
  "key": "new password"
}
```

BONUS: Hash the password/key

Use bcrypt to hash the password/key for the users

(continued...)

Issues

Get all issues (bring comments with it)

{GET} [/issues](#)

Get individual issues

{GET} [/issues/{:slug-id}](#)

{GET} [/issues/BOOKS-1](#)

Get all issues for a project

{GET} [/projects/{projectSlug}/issues](#)

{GET} [/projects/BOOKS/issues](#)

BONUS: Updated the status of an issue

{PUT} [/projects/{projectSlug}/issues/{ISSUE-ID}/{STATUS}](#)

{PUT} [/projects/BOOKS/issues/BOOKS-2/open](#)

{PUT} [/projects/BOOKS/issues/BOOKS-2/wip](#)

{PUT} [/projects/BOOKS/issues/BOOKS-2/blocked](#)

{PUT} [/projects/BOOKS/issues/BOOKS-2/closed](#)

Add new issues to a project individually

{POST} [/projects/BOOKS/issues](#)

Json body:

```
{
  "title": "Fix",
  "description": "That's the third issue",
}
```

(continued...)

Comments

Get all comments (optional)

{GET} [/comments](#)

Get all comments for an author (optional)

{GET} [/comments/{EMAIL}](#)

{GET} [/comments/me@cbwa.com](#)

{GET} [/comments/dave@cbwa.com](#)

Get all comments for an issue

{GET} [/issue/{ISSUE-ID}/comments](#)

{GET} [/issues/BOOK-1/comments](#)

Get individual comments for an issue

{GET} [/issue/{ISSUE-ID}/comments/{COMMENT-ID}](#)

{GET} [/issues/BOOK-1/comments/1](#)

Add new comments to an issue

{POST} [/issues/BOOK-1/comments](#)

Json body:

```
{  
  "text": "programming leads you nowhere, start punching random people",  
  "author": "dave@cbwa.com"  
}
```

The author can be the ObjectId of the user or the email of the user.