

CLOUD PROJECT

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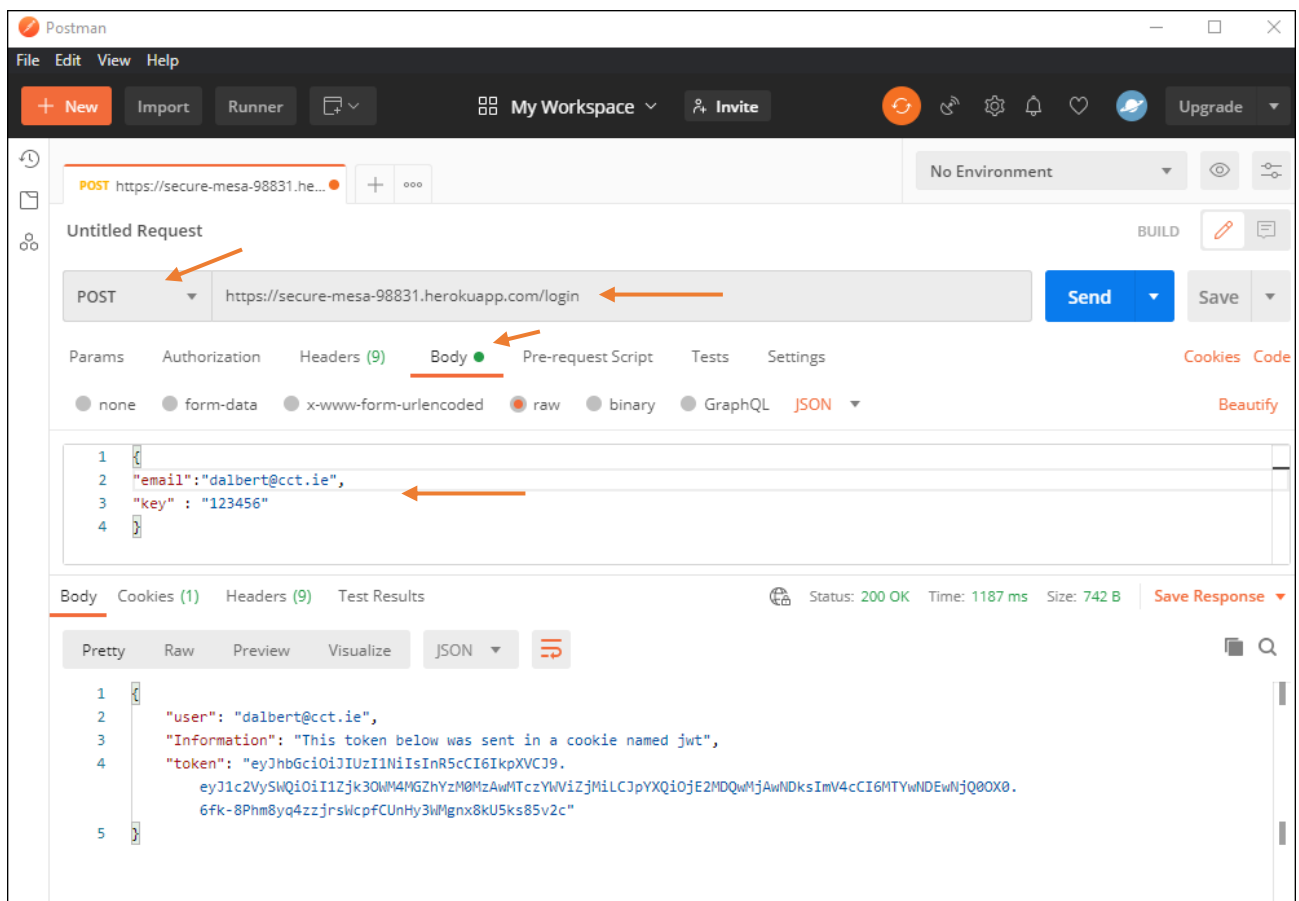
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Project Cloud – Bug Tracker with JWT Authentication

- GitHub: https://github.com/LeandroFrazao/Cloud_Ca-BugTracker/tree/ca2
- Heroku: <https://pure-meadow-63975.herokuapp.com>
{“email”: “dalbert@cct.ie”
“key”: “123456”}

Instructions for authentication:

```
//\\ In Postman(or similar) //\\  
//\\ Request: {POST}"/login" //\\  
//\\ Body: //\\  
//\\ USER--> "email": "your email" //\\  
//\\ KEY--> "key": "your password" //\\  
//\\ //\\  
//\\ For demonstration/test purpose: //\\  
//\\ { "email": "dalbert@cct.ie" //\\  
//\\ "key": "123456" } //\\  
//\\ (all users were registered with same password) //\\
```



Authorization:

When user logs in, it is defined a secure level based on their user Type. There are two types, user and admin.

Only the administrator has the authorization to:

- Get all users or one individually;
- Add new projects;
- Change status of issues;

Ordinary users can:

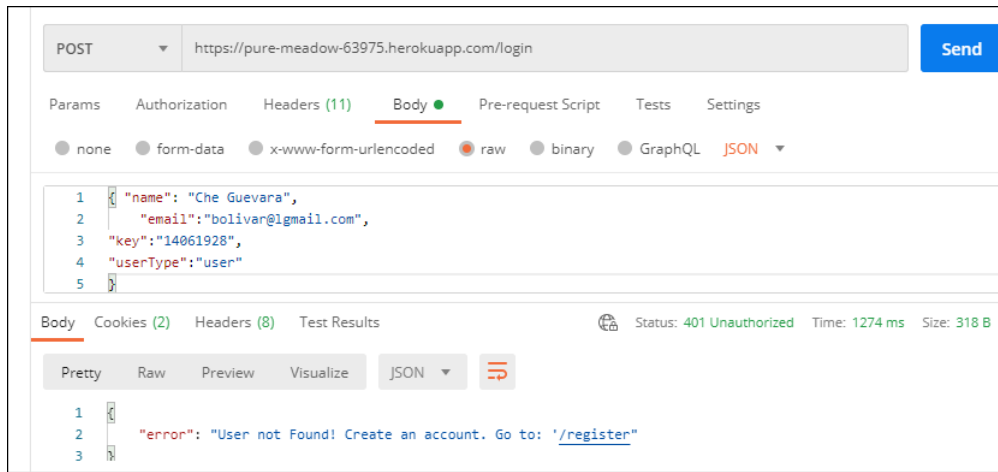
- Get their own user information;

Both admin and users can:

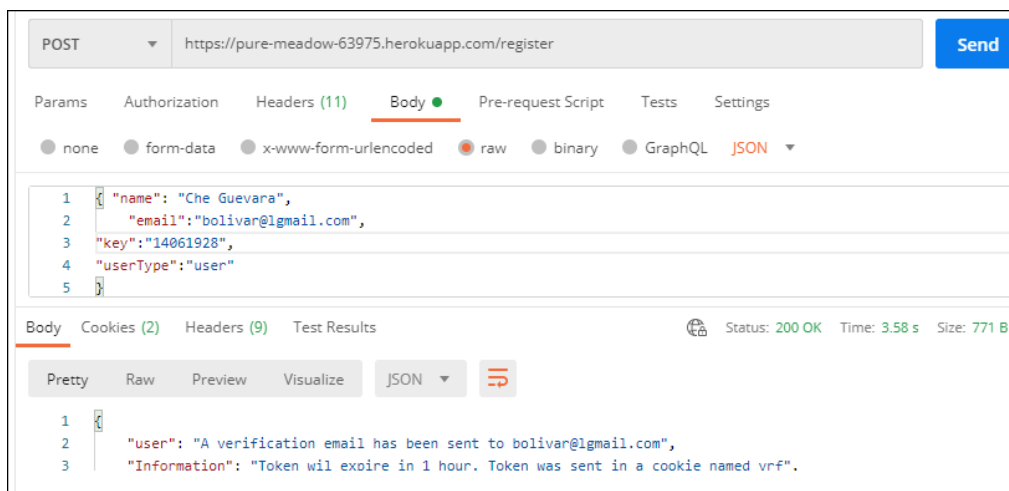
- Add new issues and comments

Demonstration to Login

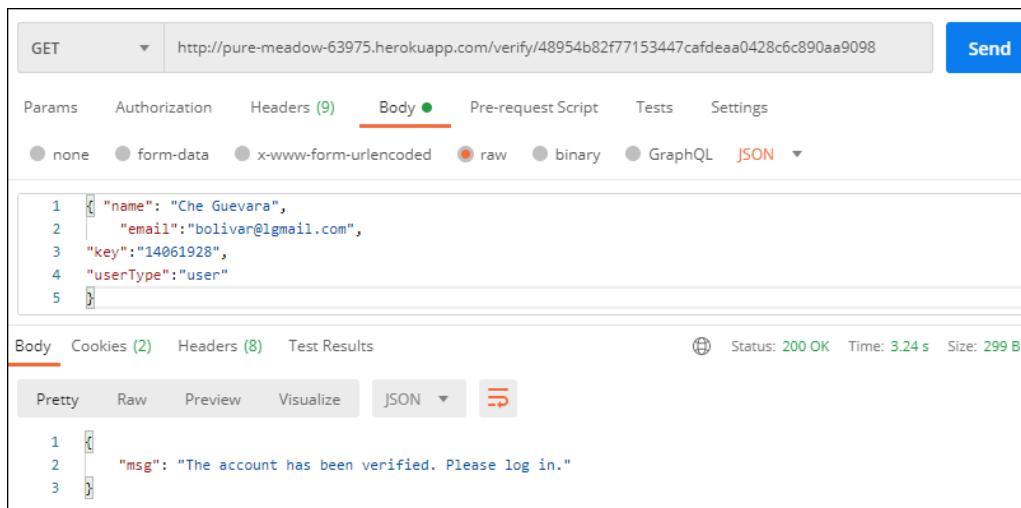
Using Postman, try to Login:



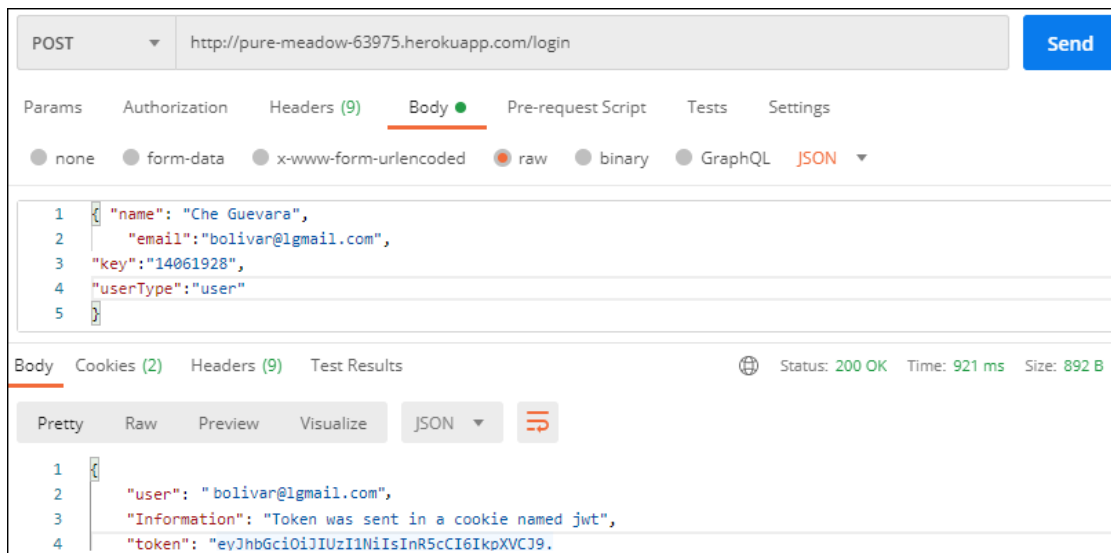
If user email is not found, go to `/register`:



A message containing the token was sent from developer.lrf@gmail.com to your email. Copy the link and paste to be verified:



Now you can Login:



Routes:

{GET} Get all users: <https://pure-meadow-63975.herokuapp.com/users>

{GET} Get individual users: /users/ {Email or ID}

Ex. <https://pure-meadow-63975.herokuapp.com/users/dave@cbwa.com>

{POST} Add new user: <https://pure-meadow-63975.herokuapp.com/users>

Body: {

- "name": "Mickey Mouse",
- "email": "mickeymouse@disneyworld.com",
- "UserType": "user",
- "key": "DisneyLand"

}

{GET} Get all projects: <https://pure-meadow-63975.herokuapp.com/projects>

{GET} Get individual projects: /projects/{SLUG}

Ex. <https://pure-meadow-63975.herokuapp.com/projects/TRAVEL>

{POST} Add new Projects individually: <https://pure-meadow-63975.herokuapp.com/projects>

Body: {
 "slug": "ICECREAM",
 "name": "Ice Cream store",
 "description": "app for management of an Ice Cream Store"
}

{GET} Get all issues: <https://pure-meadow-63975.herokuapp.com/issues>

{GET} Get individual issues: /issues/ {ISSUE NUMBER}

Ex. <https://pure-meadow-63975.herokuapp.com/issues/TRAVEL-1>

{GET} Get all issues for a project: <https://pure-meadow-63975.herokuapp.com/projects/BOOK/issues>

{PUT} Updated the status of an issue: /projects/{SLUG}/issues/{NUMBER}/{STATUS}

Ex. <https://pure-meadow-63975.herokuapp.com/projects/TRAVEL/issues/1/open>

{POST} Add new issues to a project: /projects/{SLUG}/issues

<https://pure-meadow-63975.herokuapp.com/projects/BOOK/issues>

Body: {
 "title": "Error",
 "description": "Can't Login "
}

{GET} Get all comments: <https://pure-meadow-63975.herokuapp.com/comments>

{GET} Get all comments for an author: /comments/{EMAIL}

Ex. <https://pure-meadow-63975.herokuapp.com/comments/dalbert@cct.com>

{GET} Get all comments for an issue: /issues/{ISSUE-NUMBER}/comments

Ex. <https://pure-meadow-63975.herokuapp.com/issues/TRAVEL-1/comments>

{GET} Get individual comments for an issue: /Issues/{ISSUE-NUMBER}/comments/{NUMBER}

Ex. <https://pure-meadow-63975.herokuapp.com/issues/TRAVEL-1/comments/1>

{POST} Add new comments to an issue: /issues/{ISSUE-NUMBER}/comments/

<https://pure-meadow-63975.herokuapp.com/issues/TRAVEL-1/comments/>

```
Body:{      "text": "I SEE BUGS EVERYWHERE",  
              "author": "Bug Williams"  
}
```