

# poolclues-api

Python Apis for PoolClues Test server for front end setup at <http://api.poolclues.anip.xyz:8080/> so use it as url in front end. NOTE: This ip address is blocked in college so use proxy to access it in college

To test if you are able to connect to server send http get request to <http://api.poolclues.anip.xyz:8080/> or try to open it in browser

response should be { "success": "It works" }

#Api description:

## User

### Register

**endpoint:** **/register**

so url will be <http://api.poolclues.anip.xyz:8080/register>

### Samle payload:

```
{
  "first_name": "Gaurav",
  "middle_name": "Ramakant",
  "last_name": "Shukla",
  "email_id": "deathping1994@gmail.com",
  "password": "bastard007",
  "house_no": "559 ka/48 kha",
  "street": "Singar Nagar",
  "city": "Lucknow",
  "state": "Uttar Pradesh",
  "country": "India",
  "phone": "8375847862", //optional
  "user_img": "imgae url" //optional
}
```

## Response:

```
{
  "success": "User successfully registered"
}
or
{
  "error": "Oops something went wrong. Contact the adminitrator"
}
```

## Fblogin

**endpoint:** `/fblogin`

so url will be `http://api.poolclues.anip.xyz:8080/fblogin`

## Samle payload:

```
{
  "fbtoken": "send fb token here",
  "first_name": "Gaurav",
  "middle_name": "Ramakant",
  "last_name": "Shukla",
  "email_id": "deathping1994@gmail.com",
  "password": "", //don't send any password
  "house_no": "559 ka/48 kha",
  "street": "Singar Nagar",
  "city": "Lucknow",
  "state": "Uttar Pradesh",
  "country": "India",
  "phone": "8375847862", //optional
  "user_img": "imgae url" //optional
}
```

## Response:

```
{
  "success": "User successfully logged in",
  "authtoken": "$2b$12$WI1yg7EgIo0MbGblJd7sA.zhaPBSpMuKenvnoWEiiUANR1y
wB0EaC"
}
or
{
  "error": "Oops something went wrong. Contact the adminstrator"
}
```

## Verify Email

**endpoint:** `/:email:/verify`

so url will be `http://localhost:8080/gshukla66@gmail.com/verify`

## Samle payload:

```
{
  "authtoken": "$2b$12$WI1yg7EgIo0MbGb1Jd7sA.zhaPBSpMuKenvnoWEiiUANR1ywB0EaC",
  "verification_code": "70L124"
}
```

## Response:

```
{
  "success": "Email Successfully verified"
}
or
{
  "error": "Some error message"
}
```

## Forgot Password (Generate password change request)

**endpoint:** `/forgotpassword/:user:`

so url will be `http://localhost:8080/forgotpassword/gshukla66@gmail.com`

## Response:

```
{
  "success": "Password change request has been recorded check your e
mail for further instructions."
}
or
{
  "error": "Some error message"
}
```

## Login

### endpoint: /authenticate

example: <http://api.poolclues.anip.xyz:8080/logout/gshukla66@gmail.com>

### payload:

```
{
  "email_id":<user's email_id>,
  "password":<user's password>
}
```

### Response:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBn1HAGmF7TIndh
dRgq",
  "success": "Successfully Logged in !"
}
or
{
  "error": "Some error message"
}
```

# Logout

**endpoint: /logout/:email\_id:**

example: <http://api.poolclues.anip.xyz:8080/logout/gshukla66@gmail.com>

**payload:**

```
{ "authtoken": <user's suth token>
}
```

**Response:**

```
{
  "success": "Successfully logged off"
}
or
{
  "error": "Some error message"
}
```

NOTE: As of now this endpoint return successfully logged off even when you are not logged in , this is a bug but wont be fixed keeping in mind that this system would be replaced with three legged auth system using redis,and JWT

# Add Phone Number

**endpoint: /:email\_id:/addphone/:phonenumber:**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/addphone/8375847862>

**payload:**

```
{ "authtoken": <user's suth token>
}
```

## Response:

```
{  
  "success": "Contact added Successfully!"  
}  
or  
{  
  "error": "Some error message"  
}
```

## Products

### Product List

**endpoint:** `/products/list`

so url will be `http://localhost:8080/products/list`

### Samle payload:

```
{  
  "authtoken": "$2b$12$WI1yg7EgIo0MbGblJd7sA.zhaPBSpMuKenvnoWEiiUANR1ywB0E  
aC"  
}
```

## Response:

```
{
  "products": [
    {
      "name": "product name",
      "image": "http://img.com/img1.jpg",
      "price": 100,
      "id": "123Hj"
    },
    {
      "name": "product name",
      "image": "http://img.com/img1.jpg",
      "price": 100,
      "id": "1123Hj"
    }
  ]
}
or
{
  "error": "Some error message"
}
```

## endpoint: `/:user:/change/password`

TO change password once the forgot password request has been generated example:

<http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/change/password>

## Payload:

```
{
  "request_code": "password change request code sent in email".
  "new_password": "new password"
}
```

## Response:



```
{
  "success": "Password changed successfully"
}
or
{
  "error": "Some error message"
}
```

## Change Password without forgot password endpoint: /:user:/change/password/2

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/change/password/2>

### Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq",
  "new_password": "new password here"
}
```

### Response:

```
{
  "success": "Password updated successfully"
}
or
{
  "error": "Some error message"
}
```

# POOL

## endpoint: /:email\_id:/pool/list/:type:

type can be invited, all, created contributed : List all pools the user has contributed to created :

List all events user has created all : Include both created and contributed example:

<http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/pool/list/invited>

## Response:

```
{
  "pool_list": [
    {
      "date_created": "2015-10-08",
      "pool_description": "Too lazy for that",
      "pool_id": 106,
      "pool_name": "Gaurav's b'day",
      "public": true,
      "target_amount": 5000,
      "target_date": "2015-12-11"
    },
    {
      "date_created": "2015-10-08",
      "pool_description": "Too lazy for that",
      "pool_id": 106,
      "pool_name": "Gaurav's b'day",
      "public": true,
      "target_amount": 5000,
      "target_date": "2015-12-11"
    }
  ]
}
or
{
  "error": "Some error message"
}
```

**endpoint: /pool/:pool\_id:**

## Usage:

To give details of a single pool example: <http://api.poolclues.anip.xyz:8080/pool/115>

## Response:

```
{
  "contributors": [
    {
      "amount": 2500,
      "amount_paid": null,
      "email_id": "deathping19@gmail.com",
      "status": "UNPAID"
    },
    {
      "amount": 2500,
      "amount_paid": null,
      "email_id": "deathping192@gmail.com",
      "status": "UNPAID"
    }
  ],
  "is_creator": true,
  "pool_description": "Too lazy for that",
  "pool_id": 116,
  "pool_name": "Gaurav's b'day",
  "target_amount": 5000,
  "target_date": "2015-12-11"
}
or
{
  "error": "Some error message"
}
```

# Create New Pool

## endpoint: /pool/create

example: <http://api.poolclues.anip.xyz:8080/pool/create>

## Payload:

```
{
  "email_id": "94@gmail.com",
  "pool_name": "Gaurav's b'day",
  "pool_img": "url for pool image" //optional
  "target_date": "11122015",
  "target_amount": "5000",
  "description": "Too lazy for that",
  "contributors": [
    {
      "email_id": "deathping1994@gmail.com",
      "amount": "2000"
    },
    // minimum two contributors required
    {
      "email_id": "94@gmail.com",
      "amount": "2000"
    }
  ],
  // creator must also be a contributor
  "products": ["id1", "id2"], //Array of pid of products selected as gift (optional in case of cash voucher do not pass this field)
  "msg": "new custom message",
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq",
  "searchable": true
}
```

## Response:

```
{
  "failedlist": [],
  "inviteSent": true,
  "pool_id": 116,
  "success": "Pool created successfully."
}
or
{
  "error": "Some error message"
}
```

## Add new Contributors

**endpoint: /pool/:pool\_id/:contributor/add**

example: <http://api.poolclues.anip.xyz:8080/event/104/invite>

### Payload:

```
{
  "contributors": [{"email_id": "deathping1994@gmail.com", "amount": 2000} //
amount here is not optional.
],
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
q"
}
```

### Response:

```
{
  "success": "Invites sent successfully"
}
or
{
  "error": "Some error message"
}
```

## Delete Pool

**endpoint: `/:email_id:/pool/:pool_id:/delete`**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/pool/104/delete>

## Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

## Response:

```
{
  "success": "Pool Deleted successfully"
}
```

## Modify Pool

**endpoint: `/:email_id:/pool/:pool_id:/update`**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/pool/104/update> ###Note:  
Constraints This api can't be used to upload images, and target amount can't be reduced Only  
send fields that need to be updated

## Payload:

```
{ "pool_name": "Gaurav's b'day",  
  "target_date": "11122015",  
  "target_amount": "5000",  
  "description": "Too lazy for that",  
  "searchable": true  
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"  
}
```

## Response:

```
{  
  "success": "Pool updated Successfully"  
}
```

## Find Share

**endpoint: /:email\_id/:pool\_id/find/share**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/103/find/share>

## Payload:

```
{  
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"  
}
```

## Response:

```
{
  "success": "Payment request submitted check status in the payment history"
}
or
{
  "error": "Some error message"
}
```

## Pay your share in pool

**endpoint: `/:email_id:/pay/:pool_id:`**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/pay/103>

## Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

## Response:

```
{
  "success": "Payment request submitted check status in the payment history"
}
or
{
  "error": "Some error message"
}
```

## Registry

Registry is like wish list of user. User creates a registry and selects products which he wants to



receive as gifts. Invite is send to all email id from whom user wishes to get a gift. User is not bound to make any payment and only this products get delivered for which the payment is complete

## Create Registry

### end point : /registry/create

example: <http://api.poolclues.anip.xyz:8080/registry/create>

### Payload:

```
{
  "email_id": "deathping1994@gmail.com",
  "registry_name": "Gaurav's b'day",
  "target_date": "11122015",
  "description": "Too lazy for that",
  "invites": [{ "email_id": "poolclues@gmail.com", "amount": 3000
  }],
  "products": ["id1", "id2"],
  "msg": "new custom message",
  "authtoken": "$2b$12$zXJud8qrfsPbMjdyLULT7013LsrJ.Lf05RwwxrpCvy3cuSyrqXPqS",
  "public": true //optional By default Assumed too be true
}
```

### Response:

```
{
  "failedlist": [],
  "inviteSent": true,
  "registry_id": 105,
  "success": "Registry created successfully."
}
or
{
  "error": "Some error message"
}
```

## Show Details of all registry

**endpoint: :email\_id:/registry/list**

example: <http://api.poolclues.anip.xyz:8080/deathping1994@gmail.com/registry/list>

### Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

### Response:

```
{
  "registry_list": [
    {
      "date_created": "2015-11-28",
      "pool_description": "Too lazy for that",
      "pool_id": 102,
      "pool_name": "Gaurav's b'day",
      "searchable": true,
      "target_date": "2015-12-11"
    }
  ]
}
or
{
  "error": "Some Error Message"
}
```

## Show Details of single registry

**endpoint:** `/registry/:registry_id:`

example: <http://api.poolclues.anip.xyz:8080/registry/104>

### Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

### Response:

```
{
  "giftbucket": [
    {
      "pid": "id1",
      "status": null
    },
    {
      "pid": "id2",
      "status": null
    }
  ],
  "invitees": [
    "poolclues@gmail.com"
  ],
  "is_creator": true,
  "registry_description": "Too lazy for that",
  "registry_id": 101,
  "registry_name": "Gaurav's b'day",
  "target_date": "2015-12-11"
}
```

## Delete Registry

**endpoint:** `/:email_id:/registry/:registry_id:/delete`

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/registry/104/delete>

## Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

## Response:

```
{
  "success": "Registry Deleted successfully"
}
```

## Modify Registry

**endpoint: /:email\_id:/registry/:registry\_id:/update**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/registry/104/update>

###Note: Constraints This api can't be used to upload images, and target amount can't be reduced Only send fields that need to be updated

## Payload:

```
{ "registry_name": "Gaurav's b'day",
  "target_date": "11122015",
  "target_amount": "5000",
  "description": "Too lazy for that",
  "searchable": true
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

## Response:

```
{
  "success": "Pool updated Successfully"
}
```

## Invite in Registry

**endpoint: /registry/:registry\_id:/invite**

example: <http://api.poolclues.anip.xyz:8080/registry/104/invite>

## Payload:

```
{
  "invites": [{ "email_id": "deathping1994@gmail.com", "amount": 2000 } ],
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRgq"
}
```

## Response:

```
{
  "success": "Invites sent successfully"
}
or
{
  "error": "Some error message"
}
```

# Wallet

## Show wallet amount

endpoint: `/:email_id:/wallet`

## Payload:

```
{
  "authtoken": "your auth token"
}
```

## Response:

```
{"amount": amount in wallet
```

```
}
```

```
or
```

```
{"error": "Some error msg"
```

```
}
```

## Transaction History

Shows list of all transaction by a particular user. Where pool\_id ='' in response then the money was added to wallet. if pool\_id=event id or registry id

### endpoint: /:emailid:/wallet/history

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/wallet/history>

## Payload:

```
{
```

```
"authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
```

```
q"
```

```
}
```

## Response:

```
{
  "transactions": [
    {
      "amount": 0,
      "date": "2015-11-04",
      "pool_id": "",
      "transaction_id": "$2b$12$C1Ba/kQF3jhBNNdKpzUy6uCPGRTRym0/SCgA.48
Cr463G0nx0HMSm"
    },
    {
      "amount": 400,
      "date": "2015-11-04",
      "pool_id": "",
      "transaction_id": "$2b$12$Q9yqx80LPuDBX3KCL9x0Y.Bn8T/gNplTzD2YnNv
cEVYUm.Zlq8aqa"
    }
  ]
}
or
{
  "error": "Some error message"
}
```

## Dummy Payment (Add money to wallet)

Each user is given a wallet when he signs up all the payments are processed via this wallet. Initially the balance is zero to add money to wallet user needs to be logged in and then submit a request to add money to wallet via this url.

**endpoint: `/:emailid:/wallet/add`**

example: <http://api.poolclues.anip.xyz:8080/gshukla66@gmail.com/wallet/add>

**Payload:**



```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
q",
  "amount": 5000
}
```

## Response:

```
{
  "success": "Payment request submitted check status in the payment history"
}
or
{
  "error": "Some error message"
}
```

##List all POSTS on POOL AND REGISTRY timeline

## endpoint: /:event\_id:/post/list

example: <http://api.poolclues.anip.xyz:8080/104/post/list>

## Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
q"
}
```

## Response:

```

{
  "posts": [
    {
      "author": "deathping1994@gmail.com",
      "comments": [],
      "content": "hi how are you ganesh ?",
      "post_id": 10
    },
    {
      "author": "deathping1994@gmail.com",
      "comments": [
        {
          "author": "deathping1994@gmail.com",
          "comment_id": 20,
          "content": "hi how are you ganesh ?"
        }
      ],
      "content": "hi how are you ganesh ?",
      "post_id": 11
    }
  ]
}
or
{
  "error": "Some error message"
}

```

##List single POST

**endpoint: `/:event_id/:post/:post_id:`**

example: <http://api.poolclues.anip.xyz:8080/104/post/21>

**Payload:**

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
q"
}
```

## Response:

```
{
  "author": "deathping1994@gmail.com",
  "comments": [
    {
      "author": "deathping1994@gmail.com",
      "comment_id": 20,
      "content": "hi how are you ganesh ?"
    }
  ],
  "content": "hi how are you ganesh ?",
  "post_id": 11
}
or
{
  "error": "Some error message"
}
```

##POSTS on POOL AND REGISTRY timeline

## endpoint: /:event\_id:/post

example: <http://api.poolclues.anip.xyz:8080/104/post>

## Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
q",
  "content": "post content goes here"
}
```

## Response:

```
{
  "success": "Posted Successfully"
}
or
{
  "error": "Some error message"
}
```

##Comments on Posts

## endpoint: /:event\_id/:post\_id/comment

example: <http://api.poolclues.anip.xyz:8080/104/21/comment>

## Payload:

```
{
  "authtoken": "$2a$12$wdss4GzgeKb/JW/HUpINj00pZ462LF65U2dBnlHAGmF7TIndhdRg
q",
  "content": "comment content goes here"
}
```

## Response:

```
{
```

```
  "success": "Comment Posted Successfully"
```

```
}
```

```
or
```

```
{
```

```
  "error": "Some error message"
```

```
}
```