

# CARTRABIT PROJECT SUBMISSION

## WAITLIST APPLICATION (REST API)

### SAMPLE DATA FOR POSTMAN

(NOTE: In this document I've included the sample request and response for my API, Kindly refer the installation guide in readme.md file before using this.)

While running the API server which connect to my mongoDB server checks if the DB or collection available other it creates one with the admin document

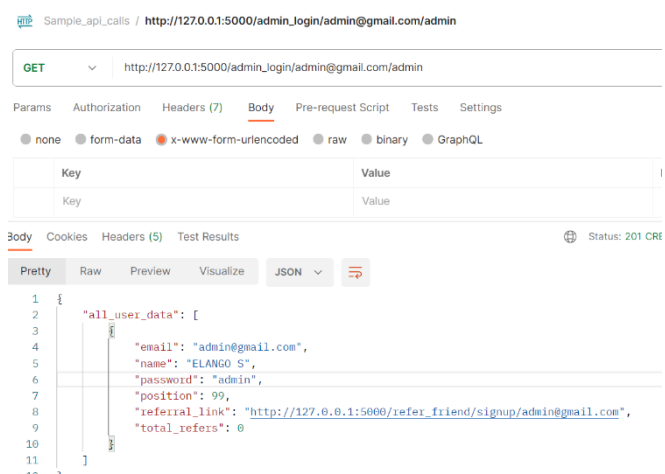
### GET: (Admin Login)

[http://127.0.0.1:5000/admin\\_login/admin@gmail.com/admin](http://127.0.0.1:5000/admin_login/admin@gmail.com/admin)

### RESPONSE:

```
{
  "all_user_data": [
    {
      "email": "admin@gmail.com",
      "name": "ELANGO S",
      "password": "admin",
      "position": 99,
      "referral_link": "http://127.0.0.1:5000/refer_friend/signup/admin@gmail.com",
      "total_refers": 0
    }
  ]
}
```

### PHOTO:



**PUT: Signup the new user(Inserting the sample data)**

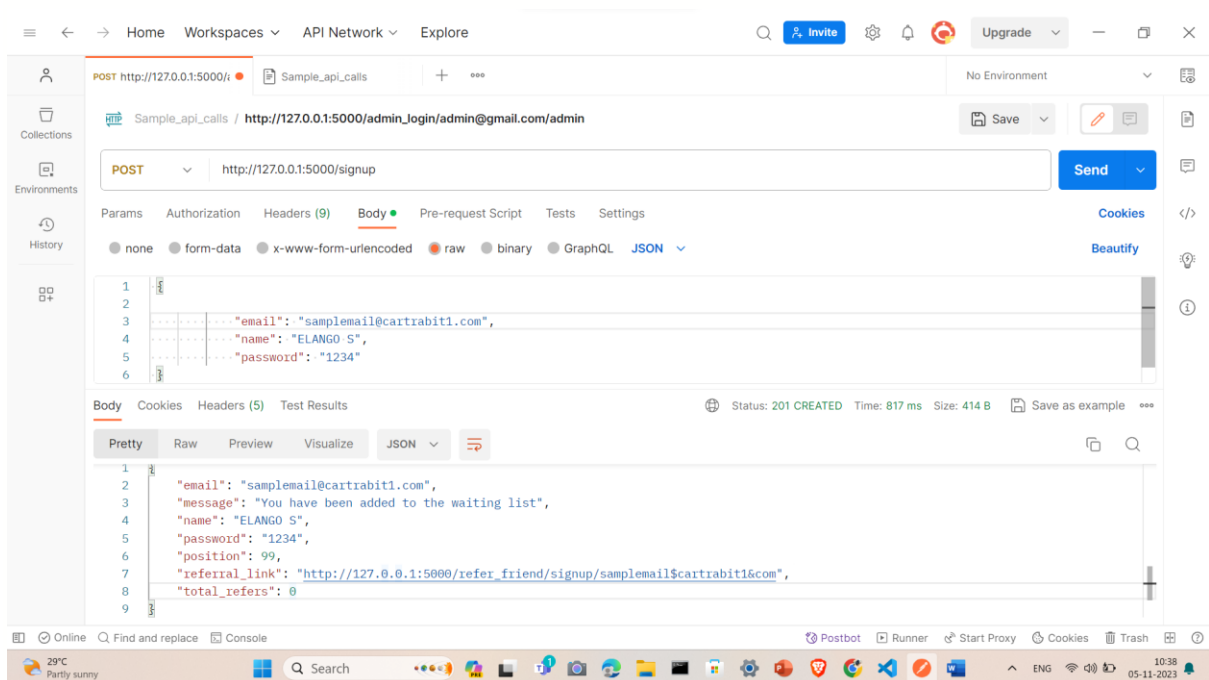
<http://127.0.0.1:5000/signup>

**BODY:(RAW)JSON**

```
{  
  
  "email": "samplemail@cartrabit1.com",  
  "name": "ELANGO S",  
  "password": "1234"  
}
```

**RESPONSE:**

```
{  
  "email": "samplemail@cartrabit1.com",  
  "message": "You have been added to the waiting list",  
  "name": "ELANGO S",  
  "password": "1234",  
  "position": 99,  
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartra  
bit1&com",  
  "total_refers": 0  
}
```

**PHOTO:**

**BODY:(Raw)JSON**

```
{  
  
  "email": "samplemail@cartrabit2.com",  
  "name": "Ravi",  
  "password": "9876"  
}
```

**RESPONSE:**

```
{  
  "email": "samplemail@cartrabit2.com",  
  "message": "You have been added to the waiting list",  
  "name": "Ravi",  
  "password": "9876",  
  "position": 100,  
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartra  
bit2&com",  
  "total_refers": 0  
}
```

**PHOTO:**

The screenshot displays a REST client interface for a POST request to `http://127.0.0.1:5000/signup`. The 'Body' tab is selected, showing the raw JSON data. Below the body, the 'Test Results' section shows a status of 201 CREATED and a time of 788 ms. The 'Pretty' view of the response is also shown at the bottom.

**Request:**

```
POST http://127.0.0.1:5000/signup
```

**Body (Raw):**

```
{  
  "email": "samplemail@cartrabit2.com",  
  "name": "Ravi",  
  "password": "9876"  
}
```

**Test Results:** Status: 201 CREATED Time: 788 ms

**Response (Pretty):**

```
{  
  "email": "samplemail@cartrabit2.com",  
  "message": "You have been added to the waiting list",  
  "name": "Ravi",  
  "password": "9876",  
  "position": 100,  
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit2&com",  
  "total_refers": 0  
}
```

**GET: (User Login)**

<http://127.0.0.1:5000/login/samplemail@cartrabit1.com/1234>

**RESPONSE:**

```
{  
  "text": "Welcome ELANGO S"  
}
```

**GET:(User data)**

[http://127.0.0.1:5000/get\\_user\\_login\\_data/samplemail@cartrabit1.com](http://127.0.0.1:5000/get_user_login_data/samplemail@cartrabit1.com)

**RESPONSE:**

```
{  
  "email": "samplemail@cartrabit1.com",  
  "name": "ELANGO S",  
  "position": 99,  
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartra  
bit1&com",  
  "total_refers": 0  
}
```

**PHOTO:**

The screenshot displays a REST client interface. At the top, the URL bar shows 'http://127.0.0.1:5000/admin\_login/admin@gmail.com/admin'. Below this, the request method is set to 'GET' and the URL is 'http://127.0.0.1:5000/get\_user\_login\_data/samplemail@cartrabit1.com'. The 'Headers' tab is selected, showing a table with two columns: 'Key' and 'Value'. The 'Body' tab is also visible, showing the JSON response in 'Pretty' format. The response is a JSON object with the following fields: 'email' (samplemail@cartrabit1.com), 'name' (ELANGO S), 'position' (99), 'referral\_link' (http://127.0.0.1:5000/refer\_friend/signup/samplemail\$cartrabit1&com), and 'total\_refers' (0). The status bar at the bottom indicates 'Status: 2'.

Sample\_api\_calls / http://127.0.0.1:5000/admin\_login/admin@gmail.com/admin

GET http://127.0.0.1:5000/get\_user\_login\_data/samplemail@cartrabit1.com

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Headers 9 hidden

Key	Value
Key	Value

Body Cookies Headers (5) Test Results Status: 2

Pretty Raw Preview Visualize JSON

```
1 {  
2   "email": "samplemail@cartrabit1.com",  
3   "name": "ELANGO S",  
4   "position": 99,  
5   "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit1&com",  
6   "total_refers": 0  
7 }
```

**POST: (Refer a friend)**

[http://127.0.0.1:5000/refer\\_friend/signup/samplemail\\$cartrabit1&com](http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit1&com)

**BODY: (Raw)JSON**

```
{  
  
  "email": "samplemail@cartrabit3.com",  
  "name": "SURESH R",  
  "password": "ASDF"  
}
```

**RESPONSE:**

```
{  
  "email": "samplemail@cartrabit3.com",  
  "message": "You have been added to the waiting list",  
  "name": "SURESH R",  
  "password": "ASDF",  
  "position": 101,  
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartra  
bit3&com",  
  "total_refers": 0  
}
```

**PHOTO:**

The screenshot displays a REST client interface with the following details:

- Method:** POST
- URL:** [http://127.0.0.1:5000/refer\\_friend/signup/samplemail\\$cartrabit1&com](http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit1&com)
- Body Type:** raw (selected)
- Request Body (Raw):**

```
1 {  
2  
3   "email": "samplemail@cartrabit3.com",  
4   "name": "SURESH R",  
5   "password": "ASDF"  
6 }
```
- Status:** 201 CREATED
- Time:** 1724
- Response Body (Raw):**

```
1 {  
2   "email": "samplemail@cartrabit3.com",  
3   "message": "You have been added to the waiting list",  
4   "name": "SURESH R",  
5   "password": "ASDF",  
6   "position": 101,  
7   "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit3&com",  
8   "total_refers": 0  
9 }
```

**GET: (User Data after referring 2 friends)**

[http://127.0.0.1:5000/get\\_user\\_login\\_data/samplemail@cartrabit1.com](http://127.0.0.1:5000/get_user_login_data/samplemail@cartrabit1.com)

**RESPONSE:**

```
{
  "email": "samplemail@cartrabit1.com",
  "name": "ELANGO S",
  "position": 97,
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartra
bit1&com",
  "total_refers": 2
}
```

**PHOTO:**

The screenshot displays a web browser interface for a REST client. At the top, a GET request is shown for the URL `http://127.0.0.1:5000/get_user_login_data/samplemail@cartrabit1.com`. Below the URL bar, tabs for 'Params', 'Authorization', 'Headers (9)', 'Body', 'Pre-request Script', 'Tests', and 'Settings' are visible. The 'Headers' tab is active, showing a table with two columns: 'Key' and 'Value'. Below the headers, the 'Body' tab is active, showing the JSON response in 'Pretty' format. The response is a JSON object with the following fields: 'email' (samplemail@cartrabit1.com), 'name' (ELANGO S), 'position' (97), 'referral\_link' (http://127.0.0.1:5000/refer\_friend/signup/samplemail\$cartrabit1&com), and 'total\_refers' (2). The status bar at the bottom right indicates 'Status: 200'.

Key	Value
Key	Value

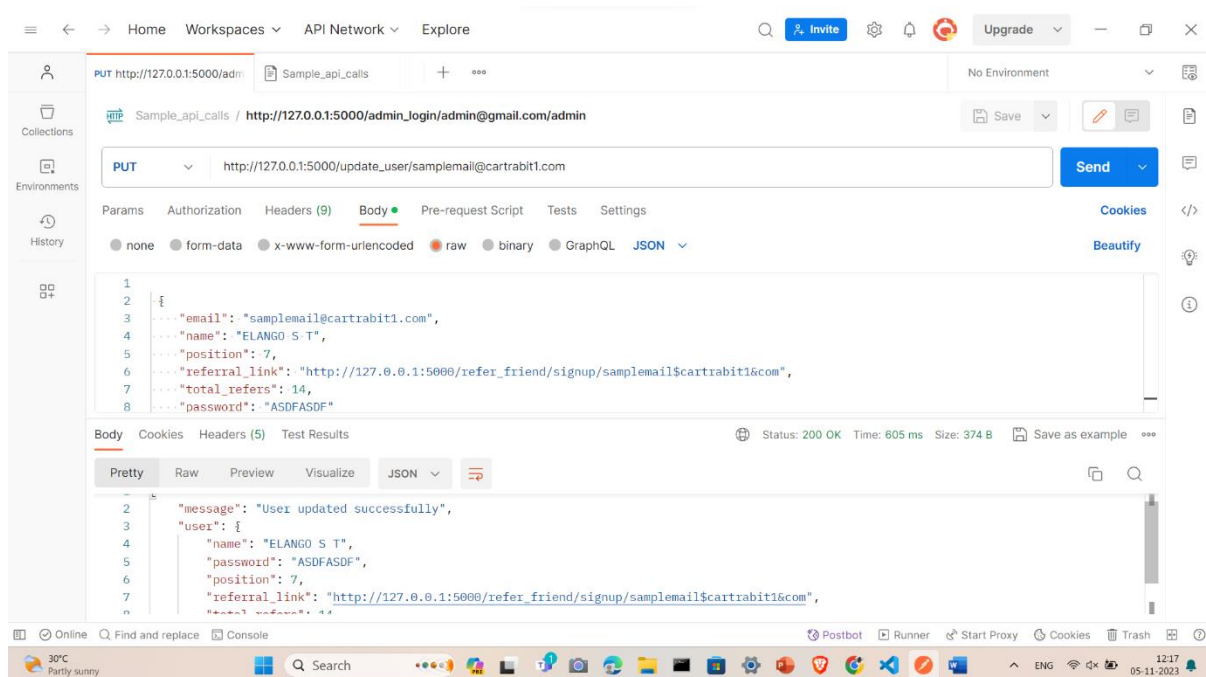
```
{
  "email": "samplemail@cartrabit1.com",
  "name": "ELANGO S",
  "position": 97,
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit1&com",
  "total_refers": 2
}
```

**PUT: (Update user data)**

[http://127.0.0.1:5000/update\\_user/samplemail@cartrabit1.com](http://127.0.0.1:5000/update_user/samplemail@cartrabit1.com)

**BODY(RAW)JSON:**

```
{  
  "email": "samplemail@cartrabit1.com",  
  "name": "ELANGO S T",  
  "position": 7,  
  "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartra  
bit1&com",  
  "total_refers": 14,  
  "password": "ASDFASDF"  
}
```

**PHOTO:**

**DELETE: (Delete the existing user)**

[http://127.0.0.1:5000/delete\\_user/samplemail@cartrabit1.com](http://127.0.0.1:5000/delete_user/samplemail@cartrabit1.com)

**RESPONSE:**

```
{  
  "message": "User deleted successfully"  
}
```

**PHOTO:**

The screenshot displays a REST client interface with a DELETE request to `http://127.0.0.1:5000/delete_user/samplemail@cartrabit1.com`. The 'Headers' tab is active, showing a table with two columns: 'Key' and 'Value'. Below the table, the 'Body' tab is selected, showing the JSON response: `{ "message": "User deleted successfully" }`.

Key	Value
Key	Value

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {  
2   "message": "User deleted successfully"  
3 }
```



**ADMIN LOGIN: (Admin can able to see all user data)****GET:**

[http://127.0.0.1:5000/admin\\_login/admin@gmail.com/admin](http://127.0.0.1:5000/admin_login/admin@gmail.com/admin)

```
{
  "all_user_data": [
    {
      "email": "admin@gmail.com",
      "name": "ELANGO S",
      "password": "admin",
      "position": 99,
      "referral_link": "http://127.0.0.1:5000/refer_friend/signup/admin@gmail.com",
      "total_refers": 0
    },
    {
      "email": "samplemail@cartrabit2.com",
      "name": "Ravi",
      "password": "9876",
      "position": 100,
      "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit2&com",
      "total_refers": 0
    },
    {
      "email": "samplemail@cartrabit3.com",
      "name": "SURESH R",
      "password": "ASDF",
      "position": 101,
      "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit3&com",
      "total_refers": 0
    },
    {
      "email": "samplemail@cartrabit4.com",
      "name": "SWARANESH R",
      "password": "ASDFASDF",
      "position": 102,
      "referral_link": "http://127.0.0.1:5000/refer_friend/signup/samplemail$cartrabit4&com",
      "total_refers": 0
    }
  ]
}
```