

# LARAVEL USER API APP

Version 1.0

## Setup and Usage Instructions

1. Clone the repo from here <https://github.com/dejibblue/userapiapp>
2. In your terminal, open the project root directory
3. Setup your .env file with your database credentials
4. Run 'composer install'
5. Run 'php artisan migrate'
6. The app uses apikey so you need to generate one.
  - Please run 'php artisan apikey:generate {name\_of\_key}'
  - Copy the key generated. You can also always see the keys generated by running "php artisan apikey:list"
7. Serve the app by running "php artisan serve"
  - By default, it should be running on port 8000
8. Using any REST client, you can now access the api routes. You can use postman
9. For every request, please make sure to include the keys generated in point 6 as part of the request headers. If using postman, click on the headers tab and add the following key and value.  
**Key:** X-Authorization, **Value:** {this should be the key generated in point 6}

## 10. Request and Response

### 1. Generate User Record

#### Request

URL: [http://{your\\_host\\_name}/api/V1/user/add](http://{your_host_name}/api/V1/user/add)

Method: POST

Headers: Key: X-Authorization, Value: {this should be the key generated in point 6}

Params: None

#### Response

Type: Json

Example:

```
{  
  "success": true,  
  "message": "user created",  
  "data": {  
    "username": "9vcrma",  
    "name": "Andrei",  
    "last_name": "Hogan",  
    "father_name": "Shellie",  
  }  
}
```

```

        "email": "xxxxx@riseup.net",
        "gender": "Male",
        "eye_color": "Hazel",
        "age": 70,
        "height": "1.89",
        "weight": 147,
        "blood": "A+",
        "cellphone": "+3742575735",
        "city": "Beijing",
        "country": "Belarus",
        "religion": "Christian",
        "system_id": "a795fd68-eac5-4348-acf3-b636d99220ff",
        "avatar": "http://localhost:8000/images/v1/Andrei-1622372291.png",
        "updated_at": "2021-05-30T10:58:12.000000Z",
        "created_at": "2021-05-30T10:58:12.000000Z",
        "id": 11
    }
}

```

## **2. Get all Users**

### **Request:**

URL: [http://{your\\_host\\_name}/api/V1/users/{limit}](http://{your_host_name}/api/V1/users/{limit})

Method: GET

Headers: Key: X-Authorization, Value: {this should be the key generated in point 6}

Params:

Name	Type	Required	Description
limit	int	No	Limit the number of records returned

### **Response**

Type: Json

Example:

```

{
    "success": true,
    "message": "User list",
    "data": [
        {
            "id": 11,
            "username": "9vcrma",
            "name": "Andrei",
            "last_name": "Hogan",

```

```

        "father_name": "Shellie",
        "email": "xxxxxxx@riseup.net",
        "gender": "Male",
        "eye_color": "Hazel",
        "age": "70",
        "height": "1.89",
        "weight": "147",
        "blood": "A+",
        "cellphone": "+3742575735",
        "city": "Beijing",
        "country": "Belarus",
        "religion": "Christian",
        "system_id": "a795fd68-eac5-4348-acf3-b636d99220ff",
        "avatar": "Andrei-1622372291.png",
        "created_at": "2021-05-30T10:58:12.000000Z",
        "updated_at": "2021-05-30T10:58:12.000000Z"
    }
}
]
}

```

### **3. Get a User**

#### **Request:**

URL: [http://{your\\_host\\_name}/api/V1/user/{user\\_id}](http://{your_host_name}/api/V1/user/{user_id})

Method: GET

Headers: Key: X-Authorization, Value: {this should be the key generated in point 6}

Params:

Name	Type	Required	Description
user_id	int	Yes	The id of the specific user record to retrieve

#### **Response**

Type: Json

Example:

```

{
    "success": true,
    "message": "User list",
    "data": [
        {
            "id": 11,

```

```

        "username": "9vcrma",
        "name": "Andrei",
        "last_name": "Hogan",
        "father_name": "Shellie",
        "email": "6wq790@riseup.net",
        "gender": "Male",
        "eye_color": "Hazel",
        "age": "70",
        "height": "1.89",
        "weight": "147",
        "blood": "A+",
        "cellphone": "+3742575735",
        "city": "Beijing",
        "country": "Belarus",
        "religion": "Christian",
        "system_id": "a795fd68-eac5-4348-acf3-b636d99220ff",
        "avatar": "Andrei-1622372291.png",
        "created_at": "2021-05-30T10:58:12.000000Z",
        "updated_at": "2021-05-30T10:58:12.000000Z"
    }
}
]
}

```

#### **4. Get a User Avatar**

##### **Request:**

URL: [http://{your\\_host\\_name}/api/V1/user/avatar/{user\\_id}](http://{your_host_name}/api/V1/user/avatar/{user_id})

Method: GET

Headers: Key: X-Authorization, Value: {this should be the key generated in point 6}

Params:

Name	Type	Required	Description
user_id	int	Yes	The id of the specific user avatar to retrieve

**Response Type: Json**

**Example:**

```

{
    "success": true,
    "message": "User avatar retrieved successfully",
    "data": "http://localhost:8000/images/v1/Aida-1622318106.png"
}

```

## **5. Get some basic users statistics**

### **Request:**

URL: [http://{your\\_host\\_name}/api/V1/users/load/stats](http://{your_host_name}/api/V1/users/load/stats)

Method: GET

Headers: Key: X-Authorization, Value: {this should be the key generated in point 6}

Params: None

### **Response**

Type: Json

Example:

```
{
  "success": true,
  "message": "User stats generated successfully",
  "data": {
    "total_users": 11,
    "average_age": 54,
    "users_by_gender": [
      {
        "gender": "Female",
        "total": 9
      },
      {
        "gender": "Male",
        "total": 2
      }
    ],
    "users_by_country": [
      {
        "country": "Armenia",
        "total": 1
      },
      {
        "country": "Belarus",
        "total": 1
      },
      {
        "country": "China",
        "total": 1
      },
      {
        "country": "France",
```

```
        "total": 2
    },
    {
        "country": "Germany",
        "total": 1
    },
    {
        "country": "Iran",
        "total": 1
    },
    {
        "country": "Italy",
        "total": 1
    },
    {
        "country": "Japan",
        "total": 1
    },
    {
        "country": "Sweden",
        "total": 1
    },
    {
        "country": "USA",
        "total": 1
    }
]
}
}
```