

# Codeial API docs

**Online link for this doc** - <https://www.notion.so/aakashcn/Codeial-API-docs-3a4d0b5a42c54f0a94d951a42aabc13f>

## Sample GET fetch request

```
const token = <your_token>;

fetch(url, {
  headers: {
    'Content-Type': 'application/x-www-form-urlencoded',
    'Authorization': `Bearer ${token}` // Remove Auth if not required
  },
})
.then((response) => response.json())
.then((data) => {
  // your response in json
});
```

## Sample POST fetch request

```
const token = <your_token>;

// getFormData() is defined in the course
fetch(url, {
  method: 'POST',
  headers: {
    'Content-Type': 'application/x-www-form-urlencoded',
    'Authorization': `Bearer ${token}` // Remove Auth if not required
  },
  body: getFormData({ name, password, confirm_password: confirmPassword, id: userId })
})
.then((response) => response.json())
.then((data) => {
  // your response in json
});
```

## Endpoints

**API\_ROOT** - <https://codeial.com:8000/api/v2/>

**Authorization required** - Requests require the JWT token

**Query params** - Just add the params in the url

**Form body** - Send as body in fetch request

**Note:**

For urls like this **API\_ROOT/friendship/create\_friendship?user\_id=<user\_id>** don't use the url like this **"API\_ROOT/friendship/create\_friendship?user\_id=<5e33fc7c9cd14572518c16fa>"** substitute **<variable\_name>** with the respective variable. Like this **"API\_ROOT/friendship/create\_friendship?user\_id=5e33fc7c9cd14572518c16fa"**

- **POST** Login
  - **API\_ROOT/users/login**
  - No authorization
  - Form body
    - `email` - String
    - `password` - String

- ```
{
  "message": "Sign in successful, here is your token, please keep it safe!",
  "success": true,
  "data": {
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcmllbmRzaGlwcyI6W10sIl9pZCI6IjVlMzNmYzdjOWNkMTQ1NzI1MThjMTZmYSIsInR5cCI6IkpXVCJ9.eyJmcmllbmRzaGlwcyI6W10sIl9pZCI6IjVlMzNmYzdjOWNkMTQ1NzI1MThjMTZmYSIsInR5cCI6IkpXVCJ9",
    "user": {
      "name": "thor",
      "email": "thor@gmail.com",
      "_id": "5e33fc7c9cd14572518c16fa"
    }
  }
}
```

- ```
{
  "message": "Sign up successfull, user created",
  "success": true,
  "data": {
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcml1bmRzaGlwcyI6W10sIl9pZCI6IjVlYWNoODE4YTdiNDk2MmMzMmI4ZGNjMCI6IjE5OTU0IiwiaWF0IjoiMTY5MjY0MjY0In0",
    "user": {
      "name": "C Person",
      "email": "ccc@cc.com",
      "_id": "5eacf818a7b4962c36b8dcc0"
    }
  }
}
```

- ```
{
  "message": "List of posts",
  "success": true,
  "data": {
    "next": {
      "page": 2,
      "limit": 5
    },
    "posts": [
      {
        "comments": [
          {
            "likes": [],
            "_id": "5e9ab8285b0b8e494b6c4dd6",
            "content": "Comment",
            "post": "5e9ab8245b0b8e494b6c4dd5",
            "user": {
              "_id": "5e932f80b5dd1673e78da51f",
              "email": "ironman@gmail.com",
              "name": "iron man"
            }
          }
        ]
      }
    ]
  }
}
```

```

        },
        "createdAt": "2020-04-18T08:19:52.791Z",
        "updatedAt": "2020-04-18T08:19:52.791Z",
        "__v": 0
      }
    ],
    "likes": [],
    "_id": "5e9ab8245b0b8e494b6c4dd5",
    "content": "Test post",
    "user": {
      "_id": "5e932f80b5dd1673e78da51f",
      "email": "ironman@gmail.com",
      "name": "iron man"
    },
    "createdAt": "2020-04-18T08:19:48.129Z",
    "updatedAt": "2020-04-18T08:19:52.872Z",
    "__v": 1
  },
}
}

```

- **POST** Create friendship
  - **API\_ROOT/friendship/create\_friendship?user\_id=<user\_id>**
  - Authorization required
  - Query params
    - **user\_id** - String (id of the user whom you want to friend)
  - Response

```

{
  "message": "Now you're friends with Aakash",
  "success": true,
  "data": {
    "friendship": {
      "to_user": {
        "_id": "5e33fe05a4dbc0731a11a825",
        "email": "a@a.com",
        "name": "a"
      },
      "from_user": {
        "id": "5e33fc7c9cd14572518c16fa",
        "email": "thor@gmail.com",
        "name": "thor"
      }
    }
  }
}

```

- **GET** Fetch friends of a user
  - **API\_ROOT/friendship/fetch\_user\_friends**
  - Authorization required
  - Response

```

{
  "message": "List of friends for user id 5e33fc7c9cd14572518c16fa",
  "success": true,
  "data": {
    "friends": [
      {
        "_id": "5e63e1fd1166b75a7b858f8f",
        "from_user": "5e33fc7c9cd14572518c16fa",
        "to_user": {
          "_id": "5e33fbf48a00273fd04d4817",
          "name": "Arpan",
          "email": "arpansac@gmail.com"
        },
        "createdAt": "2020-03-07T18:03:41.488Z",
        "updatedAt": "2020-03-07T18:03:41.488Z",
        "__v": 0
      }
    ]
  }
}

```

```

    },
    {
      "_id": "5eacf8bda7b4962c36b8dcc1",
      "from_user": "5e33fc7c9cd14572518c16fa",
      "to_user": {
        "_id": "5e33fe05a4dbc0731a11a825",
        "email": "a@a.com",
        "name": "a"
      },
      "createdAt": "2020-05-02T04:36:13.080Z",
      "updatedAt": "2020-05-02T04:36:13.080Z",
      "__v": 0
    }
  ]
}

```

- **POST** Remove friendship

- **API\_ROOT/friendship/remove\_friendship?user\_id=5e33bf48a00273fd04d4817**
- Authorization required
- Query params
  - `user_id` - String (id of the user you want to remove as friend)
- Response

```

{
  "message": "Friends removed",
  "success": true
}

```

- **POST** Create a post

- **API\_ROOT/posts/create**
- Authorization required
- Form body
  - `content` - String
- Response

```

{
  "success": true,
  "data": {
    "post": {
      "comments": [],
      "likes": [],
      "_id": "5eacf931a7b4962c36b8dcc2",
      "content": "Test Post 1",
      "user": {
        "_id": "5e33fc7c9cd14572518c16fa",
        "name": "thor",
        "email": "thor@gmail.com"
      },
      "createdAt": "2020-05-02T04:38:09.364Z",
      "updatedAt": "2020-05-02T04:38:09.364Z",
      "__v": 0
    }
  },
  "message": "Post created!"
}

```

- **POST** Toggle a like

- **API\_ROOT/likes/toggle?likeable\_id=<post/comment id>&likeable\_type=<Post or Comment>**
- Authorization required

- Query params
  - `likeable_id` - String (id of post/comment you want to like)
  - `likeable_type` - String (either 'Post' or 'Comment')
- Response

```
// delete like
{
  "message": "Request successful!",
  "success": true,
  "data": {
    "deleted": true
  }
}

// add a like to post/comment
{
  "message": "Request successful!",
  "success": true,
  "data": {
    "deleted": false
  }
}
```

- **GET** List of likes
  - **API\_ROOT/likes?likeable\_id=<post or comment id>&likeable\_type=<Post or Comment>**
  - Authorization required
  - Query params
    - `likeable_id` - String (id of post/comment you want to like)
    - `likeable_type` - String (either 'Post' or 'Comment')
  - Response

```
{
  "message": "List of likes on 5e63f059e8d11f5e7c88fde8 :: Post",
  "success": true,
  "data": [
    {
      "_id": "5e935bc4929aa284c02479a8",
      "user": null,
      "likeable": "5e63f059e8d11f5e7c88fde8",
      "onModel": "Post",
      "createdAt": "2020-04-12T18:19:48.147Z",
      "updatedAt": "2020-04-12T18:19:48.147Z",
      "__v": 0
    }
  ]
}
```

- **POST** Create a comment
  - **API\_ROOT/comments**
  - Authorization required
  - Form body
    - `post_id` - String (id of the post you are creating a comment for)
    - `content` - String
  - Response

```
{
  "data": {
    "comment": {
      "likes": [],

```

```

      "_id": "5eacfab5a7b4962c36b8dcc6",
      "content": "comment 12",
      "post": "5e518d8bcf801b96af039bbe",
      "user": {
        "_id": "5e33fc7c9cd14572518c16fa",
        "name": "thor",
        "email": "thor@gmail.com"
      },
      "createdAt": "2020-05-02T04:44:37.348Z",
      "updatedAt": "2020-05-02T04:44:37.348Z",
      "__v": 0
    }
  ],
  "message": "Your comment is published",
  "success": true
}

```

- **GET** List of comments on a post
  - **API\_ROOT/comments?post\_id=<post\_id>**
  - Authorization required
  - Query params
    - `post_id` - String
  - Response

```

{
  "message": "List of comments on post_id 5e518d8bcf801b96af039bbe",
  "success": true,
  "data": {
    "comments": [
      {
        "likes": [],
        "_id": "5eacfab5a7b4962c36b8dcc6",
        "content": "comment 12",
        "post": "5e518d8bcf801b96af039bbe",
        "user": {
          "_id": "5e33fc7c9cd14572518c16fa",
          "name": "thor",
          "email": "thor@gmail.com"
        },
        "createdAt": "2020-05-02T04:44:37.348Z",
        "updatedAt": "2020-05-02T04:44:37.348Z",
        "__v": 0
      },
      {
        "likes": [],
        "_id": "5e63eb80e8d11f5e7c88fde7",
        "content": "comment 12",
        "post": "5e518d8bcf801b96af039bbe",
        "user": {
          "_id": "5e33fc7c9cd14572518c16fa",
          "name": "thor",
          "email": "thor@gmail.com"
        },
        "createdAt": "2020-03-07T18:44:16.598Z",
        "updatedAt": "2020-03-07T18:44:16.598Z",
        "__v": 0
      }
    ],
    "message": "List of comments on post_id 5e518d8bcf801b96af039bbe",
    "success": true
  }
}

```

- **DELETE** Comment deletion
  - **API\_ROOT/comments?comment\_id=<comment\_id>**
  - Authorization required
  - Query params
    - `comment_id` - String
  - Response

```
{
  "message": "Comment deleted successfully",
  "success": true
}
```

- **POST** Edit a user

- **API\_ROOT/users/edit**
- Authorization required
- Form body
  - `id` - String (id of user you are trying to edit)
  - `password` - String
  - `confirm_password` - String
  - `name` - String
- Response

```
// You will get a new token as you are editing user details
// and tokens contains users information
{
  "success": true,
  "data": {
    "user": {
      "_id": "5e33fc7c9cd14572518c16fa",
      "name": "thor123",
      "email": "thor@gmail.com"
    },
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJmcm1lbmRzaG1wcyI6W10sI19pZCI6IjV1MzNmYzdjOWNkMTQ1NzI1MTJhMTZmYSIsInR0b3R5IjoiaW90IiwiaWF0Ijoi1533333333"
  },
  "message": "User updated!"
}
```

- **GET** User profile of a user

- **API\_ROOT/users/<user\_id>**
- Authorization required
- Response

```
{
  "success": true,
  "data": {
    "user": {
      "_id": "5e33fc7c9cd14572518c16fa",
      "name": "thor123",
      "email": "thor@gmail.com"
    }
  }
}
```

- **GET** Search user by name

- **API\_ROOT/users/search?text=<some\_text>**
- Authorization required
- Query params
  - `text` - String (name of the user you are trying to search)
- Response

```
{
  "success": true,
  "data": {
    "users": [
      {
        "_id": "5e33fc7c9cd14572518c16fa",
        "name": "thor123",
        "email": "thor@gmail.com"
      },
      {
        "_id": "5e5e386b0c49c63f4a2dde8f",
        "email": "test@gmail.com",
        "name": "thor"
      },
      {
        "_id": "5ea7ebc36f2c9a4fb532e3a1",
        "email": "thor@thor.com",
        "name": "Thor"
      },
      {
        "_id": "5ea814ae6f2c9a4fb532e3a2",
        "email": "thor@marvel.com",
        "name": "thor"
      }
    ]
  }
}
```