

# Hackathon API

## Functionality

Create a user

Request: POST/users/

Body:

```
{  
  "username": <USER INPUT>  
}
```

Response:

```
{  
  "success": True,  
  "data": {  
    "id": 0,  
    "username": <USER INPUT>,  
    "user_liked" : <LIST OF LIKED POSTS>  
    "posts": <LIST OF POSTED POSTS>  
  }  
}
```

Get all users

Request: GET/users/

Body:

```
{  
}
```

Response:

```
{  
  "success": True,  
  "data": {  
    [{<USER>}],  
    [{<USER>}]  
  }  
}
```

Get a specific user

Request: GET /user/{ user id }/

Response:

```
{  
  "success": True,  
  "data": <USER WITH ID {id}>  
}
```

Delete a specific user

Request: DELETE /user/{ id }/

Response:

```
{
  "success": True,
  "data": <USER WITH ID {id}>
}
```

Get all posts associated with a user

Request: GET /user/{user id}/post/

Response:

```
{
  "success": True,
  "data": [
    {
      "id": 0,
      "username": "us1",
      "content": "text1",
      "likes": 0,
      "liked_by": [],
      "title": "title",
      "tags": "tag1,tag2"
    },
    {
      "id": 1,
      "username": "us2",
      "content": "text2",
      "likes": 0,
      "liked_by": [],
      "title": "title",
      "tags": "tag1,tag2"
    }
  ]
}
```

Create a post associated with a user

Request: POST/user/{user id}/post/

Body:

```
{
  "content": <USER INPUT>,
}
```

```
"title": "title",
"tags": [string1, string2]
"user_id" : <user id with {id}>
}
```

Response:

```
{
  "success": True,
  "data": {
    "id": <ID>
    "username": <USER INPUT>,
    "title": "title",
    "tags": "string1, string2",
    "content": <USER INPUT FOR CODE>,
    "likes": 0,
    "liked_by": []
  }
}
```

Get a specific post

Request: GET/user/{user id}/post/{post\_id}/

Response:

```
{
  "success": True,
  "data": <POST WITH ID {id}>
}
```

Delete a specific post

Request: DELETE/user/{user id}/post/{post\_id}/

Response:

```
{
  "success": True,
  "data": <DELETED POST>
}
```

Get all comments associated with post

Request: GET /post/{post id}/comments/

Response:

```
{
  "success": True,
  "data": [
    {
      "id": 0,
```

```

    "username": "us1",
    "content": "text1",
    "likes": 0,
    "liked_by": [],
  },
  {
    "id": 1,
    "username": "us2",
    "content": "text2",
    "likes": 0,
    "liked_by": [],
  }
]
}

```

Create a comment

Request: GET /post/{post id}/comments/

Body:

```

{
  "username": <USER INPUT>,
  "text": <USER INPUT>,
}

```

Response:

```

{
  "success": True,
  "data": {
    "id": <ID>
    "username": <USER INPUT>,
    "text": <USER INPUT FOR CODE>,
    "likes": 0,
    "liked_by": []
  }
}

```

Get a specific comment

Request: GET /post/{post id}/comment/{com id}

Response:

```

{
  "success": True,
  "data": <COMMENT WITH ID {com id}>
}

```

Delete a specific comment

Request: DELETE/post/{post id}/comment/{com id}

Response:

```
{
  "success": True,
  "data": <COMMENT WITH ID {com id}>
}
```

Have a user like a post

Request: POST/post/{post id}/{user id}/like/

Response:

```
{
  "success": True,
  "data": {
    <POST WITH ID { post id}>, <USER WITH ID { user id }>
  }
}
```

Have a user unlike a post

Request: POST/post/{post id}/{user id}/unlike/

Response:

```
{
  "success": True,
  "data": {
    <POST WITH ID { post id}>, <USER WITH ID { user id }>
  }
}
```

Have a user like a comment

Request: POST/post/{comment id}/{user id}/unlike/

Response:

```
{
  "success": True,
  "data": {
    <COMMENT WITH ID {comment id}>, <USER WITH ID { user id }>
  }
}
```

Have a user unlike a comment

Request: POST/post/{comment id}/{user id}/like/

Response:

```
{
  "success": True,
```

```
"data": {  
  <COMMENT WITH ID {comment id}>, <USER WITH ID { user id }>  
}  
}
```