

API Specification for Foundit

GET User by ID: <http://34.145.155.95/api/users/2/>

Response: {"id": 2, "name": "Pablo", "netid": "pr435", "posts": []}

GET Found Posts: <http://34.145.155.95/api/posts/found/>

Response: {"posts": [{"id": 1, "description": "Lost my earbuds", "is_found": true, "user_id": 1, "timestamp": "2023-12-01T18:10:22.115805", "image_url": "[https://found-it.s3.us-east-1.amazonaws.com/5TCEEUMWJQR6CZRZ.jpg](\"https://found-it.s3.us-east-1.amazonaws.com/5TCEEUMWJQR6CZRZ.jpg\")"}]}

GET Lost Posts: <http://34.145.155.95/api/posts/lost/>

Response: {"posts": [{"id": 3, "description": "Lost my earbuds", "is_found": false, "user_id": 1, "timestamp": "2023-12-02T01:28:43.035590", "image_url": "[https://found-it.s3.us-east-1.amazonaws.com/DVT1Y9376E6D10CP.jpg](\"https://found-it.s3.us-east-1.amazonaws.com/DVT1Y9376E6D10CP.jpg\")"}]}

DELETE Post: <http://34.145.155.95/api/posts/3/>

Response: {"id": 3, "description": "Lost my earbuds", "is_found": false, "user_id": 1, "timestamp": "2023-12-02T01:28:43.035590", "image_url": "[https://found-it.s3.us-east-1.amazonaws.com/DVT1Y9376E6D10CP.jpg](\"https://found-it.s3.us-east-1.amazonaws.com/DVT1Y9376E6D10CP.jpg\")"}

POST Create User: <http://34.145.155.95/api/users/>

Body:

```
{
  "netid": "pr435",
  "name": "Pablo"
}
```

POST Simple Search: <http://34.145.155.95/api/posts/search/>

Body:

```
{
  "description": "earbuds",
  "is_found": "false"
}
```

Response: [

```
{
  "id": 1,
  "description": "Found some earbuds",
  "is_found": true,
  "user_id": 1,
  "timestamp": "2023-12-01T22:50:12.609798",
  "image_url":
  "https://None.s3.us-east-1.amazonaws.com/MHKV0VHM3DE3XP09.jpg"
},]
```

POST Match: <http://34.145.155.95/api/posts/match/>

Body:

```
{
  "description": "earbuds",
  "is_found": "false"
}
```

Response: [

```
{
  "id": 2,
  "description": "Lost my earbuds",
  "is_found": false,
  "user_id": 1,
  "timestamp": "2023-12-01T22:50:12.609798",
  "image_url":
"https://None.s3.us-east-1.amazonaws.com/MHKV0VHM3DE3XP09.jpg"
},]
```

If a user with given netID exists already, will not create a new user.

POST Create Post: <http://34.145.155.95/api/users/1/posts/>

Response: { "description": "Lost my earbuds", "is_found": true, "timestamp": "Today", "image_data": "{base64 representation of image}" }

is_found represents whether the item is an item someone found or an item someone lost.

POST Upload Image: <http://34.145.155.95/api/upload/>

Response: {"url":
"<https://found-it.s3.us-east-1.amazonaws.com/BG27I0R5ZWQMEGB6.jpg>", "created-at": "2023-12-01 17:58:01.889727"}