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"}]}

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"}\]}

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"}

POST Create User: http://34.145.155.95/api/users/
     Body:

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

POST Search: http://34.145.155.95/api/posts/search/
     Returns a list of all posts that share similar keywords to the given description in the corresponding table (found/lost).

     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/
Cross searches the lost table and the found table and returns a list of posts that share similar descriptions

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"}