Routes:

An error response will always be of the form:

{"success": False, "error": message}

The following routes assume an api call goes through successfully.

1. POST /api/signin/

Request:`

```
{
"username": username,
"password": password
}
Response:
{
"success": True,
"data": {
  "User id": userId,
  "Username": username
   }
}
```

2. POST /api/login/

Request:

```
{
"username": username,
"password": password
}
Response:
{
"success": True,
"data": {
  "User id": userId,
  "Username": username,
  "Token": access_token
  }
}
```

3. POST /api/newChat/

Request:

```
{
"From": from_user_id,
"To": to_user_id,
}

Response:
{
"success": True,
"data": {
  "From": fr,
  "To": to_user,
  "from_channel": fr_channel,
  "to_channel": to_channel,
  "channel_name": chat_channel,
}
}
```

4. POST /api/authentication/ (don’t need to worry about this one atm)

   Request:

```
{
"channel_name": channel_name,
"socket_id": socket_id
}
```

5. POST /api/sendMsg/

   Request:

```
{
"From": from_user_id,
"To": to_user_id,
"message": message_content,
"channel_id": channel_id
}
Response:

{
"success": True,
"data": {
  "Message id": id,
  "Message contents": contents,
  "From": fr,
  "To": to,
  "Sent in channel": channel_id
      }
}
```

6. GET /api/getMsg/<int:channel_id>

   Response:

```
{
"success": True,
"data": [
  {
      "Message id": id,
      "Message contents": contents,
      "From": fr,
      "To": to,
      "Sent in channel": channel_id
  },
  ... and so on for all the messages in this channel, data would be a list
in this case
]
}
```

7. GET /api/getAllUsers/

Response:

```
{
"success": True,
"data": [
  {
      "User id": self.id,
      "Username": self.username
  },
… and so on for all users in the database, data would be a list in this
case
]
}
```