API documentation

Add a new user

Endpoint: `/api/users/`

Method: `POST`

Description: Add a new user to the platform.

Request Format:

```
{
    "username": "string",
    "email": "string",
    "first_name": "string", //can be empty
    "last_name": "string", //can be empty
    "password": "string"
}
```

Response Format:

```
{
    "username": "string",
    "email": "string",
    "first_name": "string",
    "last_name": "string",
    "password": "string"
}
```

Error Codes:

- 400 Bad Request: If the request body is missing or malformed or request method is not allowed
- 500 Internal Server Error: If an unexpected error occurs during user creation.

Retrieve details of a specific user

Endpoint: `/api/users/<int:user_id>/`

Method: `GET`

Description: Retrieve details of a specific user.

Response Format:

```
{
    "id": "integer",
    "username": "string",
    "email": "string",
    "first_name": "string",
    "last_name": "string",
    "password": "string_hash"
}
```

Error Codes:

- 404 Not Found: If the specified user ID does not exist.
- 500 Internal Server Error: If an unexpected error occurs during user retrieval.

Update the details of a specific user

Endpoint: `/api/users/<int:user_id>/`

Method: `PUT` or `PATCH`

Description: Update the details of a specific user.

Request Format:

```
{
    "username": "string",
    "email": "string",
    "first_name": "string",
    "last_name": "string",
    "password": "string"
}
```

Response Format:

```
{
    "id": "integer",
    "username": "string",
    "email": "string",
    "first_name": "string",
```

```
    "last_name": "string",
    "password": "string_hash"
}
```

Error Codes:

- 400 Bad Request: If the request body is missing or malformed or request method is not allowed
- 404 Not Found: If the specified user ID does not exist.
- 500 Internal Server Error: If an unexpected error occurs during user update.

Create a new post

Endpoint: `/api/posts/`

Method: `POST, GET`

Description: A user creates a new post.

Request Format:

```
{
    "user_id": "integer",
    "content": "string"
}
```

Response Format:

```
{
    "id": "integer",
    "user_id": "integer",
    "post_date": "string",
    "content": "string"
}
```

Error Codes:

- 400 Bad Request: If the request body is missing or malformed or request method is not allowed
- 500 Internal Server Error: If an unexpected error occurs during post creation.

Retrieve, update, or delete a specific post

Endpoint: `/api/posts/<int:post_id>/`

Method: `GET`, `PUT` or `PATCH`, `DELETE`

Description: Perform CRUD operations on a specific post.

Response Format (GET):

```
{
    "id": "integer",
    "user_id": "integer",
    "post_date": "string",
    "content": "string"
}
```

Request Format (PUT/PATCH):

```
{
    "content": "string"
}
```

Error Codes:

- 400 Bad Request: If the request body is missing or malformed.
- 404 Not Found: If the specified post ID does not exist.
- 500 Internal Server Error: If an unexpected error occurs during post retrieval, update, or deletion.

List all posts

Endpoint: `/api/posts/`

Method: `GET`

Description: List all

Response Format (GET):

```
[
    {
```

```
        "id": "integer",
        "user_id": "integer",
        "post_date": "string",
        "content": "string"
    },
    {
        "id": "integer",
        "user_id": "integer",
        "post_date": "string",
        "content": "string"
    },
    ...
]
```