POST: /authenticate

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Authenticate the User and provides them with a JWT token as a response

**User Related APIs**

GET: /users/@{username}

Request -

curl -X GET "http://localhost:8082/users/%40first"

Response -

{

"id": "1",

"username": "first",

"name": "Nice Name",

"avatar": "URL://updated-picture.png",

"bio": "Updated Bio",

"followerCount": 0,

"followingCount": 0,

"verified": false

}

Get details of a given user by username

GET: /users/{userid}

Request -

curl -X GET "http://localhost:8082/users/30761418-70e6-46dc-8af5-17670e78f293"

Response -

{

"id": "1",

"username": "first",

"name": "Nice Name",

"avatar": "URL://updated-picture.png",

"bio": "Updated Bio",

"followerCount": 0,

"followingCount": 0,

"verified": false

}

Get details of a given user by userid

POST: /users

Request -

{

"username": "first",

"name": "Nice Name",

"bio": "Bio of 240 characters",

"avatar": "URL://picture.png"

}

Response -

{

"id": "1",

"username": "first",

"name": "Nice Name",

"avatar": "URL://picture.png",

"bio": "Bio of 240 characters",

"followerCount": 0,

"followingCount": 0,

"verified": false

}

Create a new user

PATCH: /users

Request -

{

"id": "1”,

"username": "first",

"name": "Nice Name",

"avatar": "URL://updated-picture.png",

"bio": "Updated Bio"

}

Response -

{

"id": "1",

"username": "first",

"name": "Nice Name",

"avatar": "URL://updated-picture.png",

"bio": "Updated Bio",

"followerCount": 0,

"followingCount": 0,

"verified": false

}

Update bio/name/image etc of an user

PUT: /users/{userid}/follow

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Follow the given user

DELETE: /users/{userid}/follow

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Un-follow the given user

GET: /users/{userid}/followers

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Get a list of all followers of this user

GET: /users/{userid}/followings

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Get a list of all following of this user

**Post Related APIs**

GET: /posts

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Get the list of all posts

GET: /posts/{postid}

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Get Details of a post

POST: /posts

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Create a new post

DELETE: /posts/{postid}

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Delete a given post

PUT: /posts/{postid}/like

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Like the given post

DELETE: /posts/{postid}/like

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Un-like the given post

**Hashtag Related APIs**

GET: /hashtags

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

Top hashtags (default top 10)

GET: /hashtags/{hashtag}/posts

Request -

{

"username": "username",

"password": "Password"

}

Response -

{

"jwt": "JSON.Web.Token"

}

All posts of this given hashtag