



## API Documentation

This API provides a secure and streamlined way to build and interact with core social features such as user authentication, and social posting functionalities.

### Purpose

This API powers the SocialQ platform, a basic social network-style system that allows:

- New users to register and log in
- Create posts and fetch a post feed
- Secure access using token authentication

### Modules Covered

This documentation focuses on the following key modules:

- Auth Module: User registration, login, and authentication
  - Post Module: Posting content
  - Feed Module: Retrieving user posts
- 

## Members

Ajero, Judah Jess T. (Post Module)

Canturias, Christian G. (Auth Module)

Guido, Darryl Adrian D. (Feed Module)

## Instructor

Mr. Armando Jr. Saguin

## Course

Information Management (CC 105)

T/TH (10:00–11:00) • Lec

T/TH (13:00–14:30) • Lab

# 1. Auth Module

Assigned to: Canturias, Christian G.

---

## 1-1. Register

Base URL: <http://localhost/socialq2/auth/Auth.Controller.php>

Method: POST

Endpoint: POST /socialq2/auth/Auth.Controller.php

Parameters:

<u>Name</u>	<u>Data Type</u>	<u>Required</u>	<u>Info</u>
Username	string	Yes	The username
Password	string	Yes	The password

Request example:

```
{
  "Request": "Register",
  "Record": {
    "Username": "user7",
    "Password": "user7"
  }
}
```

Expected Response:

```
[
  {
    "Record_Status": "Success"
  }
]
```

## 1-2. Login

Base URL: <http://localhost/socialq2/auth/Auth.Controller.php>

Method: POST

Endpoint: POST /socialq2/auth/Auth.Controller.php

Parameters:

<u>Name</u>	<u>Data Type</u>	<u>Required</u>	<u>Info</u>
Username	string	Yes	The username
Password	string	Yes	The password

Request Example:

```
{
  "Request": "Create_Post",
  "Record": {
    "Token": "81213649cb344a25",
    "Post_Content": "Hi, I'm the 7th user!"
  }
}
```

Expected Response Example:

```
{
  "Status": "Login successful.",
  "Token": "b2e5c24a3ef6901b"
}
```

## 1-3. Logout

Base URL: <http://localhost/socialq2/auth/Auth.Controller.php>

Method: POST

Endpoint: POST /socialq2/auth/Auth.Controller.php

Parameters:

<u>Name</u>	<u>Data Type</u>	<u>Required</u>	<u>Info</u>
Token	string	Yes	The token generated

### Request Example:

```
{
  "Request": "Logout",
  "Record": {
    "Token": "b2e5c24a3ef6901b"
  }
}
```

### Response Example:

```
[
  {
    "Record_Status": "Success"
  }
]
```

## 2. Post Module

Assigned to: Ajero, Judah Jess T.

---

### 2-1.) Create\_Post

Base URL: <http://localhost/socialq2/post/Post.Controller.php>

Method: POST

Endpoint: POST /socialq2/post/Post.Controller.php

#### Parameters:

<u>Name</u>	<u>Data Type</u>	<u>Required</u>	<u>Info</u>
Token	string	Yes	The token generated
Content	string	Yes	The content of the post

### Request Example:

```
{
  "Request": "Create_Post",
  "Record": {
    "Token": "81213649cb344a25",
    "Post_Content": "Hi, I'm the 7th user!"
  }
}
```

Response Example:

```
[
  {
    "Record_Status": "Success: Post created"
  }
]
```

## 2-2.) Delete\_Post

Base URL: <http://localhost/socialq2/post/Post.Controller.php>

Method: POST

Endpoint: POST /socialq2/post/Post.Controller.php

Parameters:

<u>Name</u>	<u>Data Type</u>	<u>Required</u>	<u>Info</u>
Token	string	Yes	The token generated
Post_Id	string	Yes	The content of the post

Request Example:

```
{
  "Request": "Delete_Post",
  "Record": {
    "Token": "81213649cb344a25",
    "Post_Id": "8"
  }
}
```

Response Example:

```
{
  "Status": "Success: Post deleted"
}
```

## 3. Feed Module

Assigned to: Guido, Darryl Adrian D.

---

### 3-1. Get all posts by user

Base URL: <http://localhost/socialq2/feed/Feed.Controller.php>

Method: GET

Endpoint: GET /socialq2/feed/Feed.Controller.php

Parameters: username

Response Example:

```
[
  {
    "post_id": 5,
    "username": "user6",
    "post_content": "Hello, I'm the 6th user in SocialQ!",
    "posted_date": "2025-06-06 16:39:37"
  }
]
```

### 3-2. Get all posts

Base URL: <http://localhost/socialq2/feed/Feed.Controller.php>

Method: GET

Endpoint: GET /socialq2/feed/Feed.Controller.php

Parameters: none

Response Example:

```
[
  {
    "post_id": 5,
    "username": "user6",
    "post_content": "Hello, I'm the 6th user in SocialQ!",
    "posted_date": "2025-06-06 16:39:37"
  },
  {
    "post_id": 4,
    "username": "user5",
    "post_content": "Hello, I'm user5. Nice to meet you all! :)",
    "posted_date": "2025-06-06 14:23:53"
  },
]
```

```
{
  "post_id": 3,
  "username": "user4",
  "post_content": "Hello, my name is user4. What's up?",
  "posted_date": "2025-06-06 13:06:01"
},
{
  "post_id": 2,
  "username": "user2",
  "post_content": "Hello, my name is user2!",
  "posted_date": "2025-06-06 12:48:37"
},
{
  "post_id": 1,
  "username": "user3",
  "post_content": "Hello, my name is user3!",
  "posted_date": "2025-06-06 12:43:27"
}
]
```