



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
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Members

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Canturias, Christian G. (Auth Module)

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Instructor

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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:

Name	Data Type	Required	Info
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:

Name	Data Type	Required	Info
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:

Name	Data Type	Required	Info
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:

Name	Data Type	Required	Info
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:

Name	Data Type	Required	Info
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"  
}  
]
```