

REFERENCE DOCUMENT

1. User Sign-Up API

Explanation: Users provide their name and email address to sign up.

Success Response:

```
...  
{  
  "status": 200,  
  "message": "Successful user sign-up."  
}  
...
```

Failure Responses:

1) Email already exists:

```
...  
{  
  "status": 400,  
  "message": "Email already registered."  
}  
...
```

2) Invalid email format:

```
...  
{  
  "status": 400,  
  "message": "Invalid email format."  
}  
...
```

2. Create Post API

Explanation: Users create a post by providing their user ID and the content they want to share.

Success Response:

```
...
```

```
{
  "status": 200,
  "message": "Successfully created."
}
...
```

Failures Responses::

1) User ID not found:

```
...
{
  "status": 404,
  "message": "User ID not found."
}
...
```

2) Content is empty:

```
...
{
  "status": 400,
  "message": "Content cannot be empty."
}
...
```

3. Delete Post API

Explanation: Users can delete a post by providing the post's unique ID.

Success Response:

```
...
{
  "status": 200,
  "message": "Successful post deletion."
}
...
```

Failure Responses:

1) Post ID not found:

```
...
{
```

```
"status": 404,  
"message": "Post ID not found."  
}  
...
```

2) Unauthorized user:

```
```json  
{
 "status": 403,
 "message": "Unauthorized to delete this post."
}
...
```

## 4. Fetch User's Posts API

Explanation: Users can fetch all their posts using their user ID.

### Success Response

```
...
{
 "status": 200,
 "posts": [
 {
 "postId": "98765",
 "content": "This is my first post!"
 },
 {
 "postId": "98766",
 "content": "This is another post by me!"
 }
]
}
...
```

### Failure Response:

**User ID not found:**

```
...
{
 "status": 404,
 "message": "User ID not found."
}
...
```

**No posts found:**

```
...
{
 "status": 404,
 "message": "No posts found for this user."
}
...
```