Here's the **complete list of API endpoints** with:

* **HTTP Method**
* **Full URL** (assuming base: http://localhost:8080)
* **Expected JSON Request Body or Parameters**

**✅ USER CONTROLLER – /users**

**🔹 Register User**

**POST** http://localhost:8080/users/register  
**Request Body:**

{

"firstName": "John",

"lastName": "Doe",

"email": "john@example.com",

"username": "johndoe",

"password": "password123",

"confirmPassword": "password123"

}

**🔹 Get All Users**

**GET** http://localhost:8080/users/all/{id}  
🔸 Path Param: id = logged-in user ID

**🔹 Get User Details**

**GET** http://localhost:8080/users/details/{id}  
🔸 Path Param: id = user ID to fetch

**🔹 Update User**

**PUT** http://localhost:8080/users/update/{id}  
**Path Param**: id = logged-in user ID  
**Request Body:**

{

"firstName": "UpdatedName",

"lastName": "UpdatedLast",

"email": "newemail@example.com",

"username": "updatedUsername"

}

**🔹 Delete User**

**DELETE** http://localhost:8080/users/delete/{id}  
🔸 Path Param: id = user ID to delete

**🔹 Promote User**

**POST** http://localhost:8080/users/promote?id=USER\_ID

**🔹 Demote User**

**POST** http://localhost:8080/users/demote?id=USER\_ID

**🤝 RELATIONSHIP CONTROLLER – /relationship**

**🔹 Get Friends**

**GET** http://localhost:8080/relationship/friends/{id}

**🔹 Add Friend**

**POST** http://localhost:8080/relationship/addFriend  
**Request Body:**

{

"loggedInUserId": "USER\_ID\_1",

"friendCandidateId": "USER\_ID\_2"

}

**🔹 Remove Friend**

**POST** http://localhost:8080/relationship/removeFriend  
**Request Body:**

{

"loggedInUserId": "USER\_ID\_1",

"friendToRemoveId": "USER\_ID\_2"

}

**🔹 Accept Friend**

**POST** http://localhost:8080/relationship/acceptFriend  
**Request Body:**

{

"loggedInUserId": "USER\_ID\_1",

"friendToAcceptId": "USER\_ID\_2"

}

**🔹 Cancel Friend Request**

**POST** http://localhost:8080/relationship/cancelRequest  
**Request Body:**

{

"loggedInUserId": "USER\_ID\_1",

"friendToRejectId": "USER\_ID\_2"

}

**🔹 Search Users**

**POST** http://localhost:8080/relationship/search  
**Request Body:**

{

"loggedInUserId": "USER\_ID\_1",

"search": "john"

}

**🔹 Find Friend Candidates**

**GET** http://localhost:8080/relationship/findFriends/{id}

**📝 POST CONTROLLER – /post**

**🔹 Create Post**

**POST** http://localhost:8080/post/create  
**Request Body:**

{

"content": "This is a new post!",

"userId": "USER\_ID"

}

**🔹 Get All Posts for User**

**GET** http://localhost:8080/post/all/{id}

**🔹 Remove Post**

**POST** http://localhost:8080/post/remove  
**Request Body:**

{

"loggedInUserId": "USER\_ID",

"postToRemoveId": "POST\_ID"

}

**🖼️ PICTURE CONTROLLER – /pictures**

**🔹 Get All Pictures**

**GET** http://localhost:8080/pictures/all/{id}

**🔹 Add Picture**

**POST** http://localhost:8080/pictures/add  
**Form Data (multipart/form-data):**

* loggedInUserId: USER\_ID
* file: (upload image file)

**🔹 Remove Picture**

**POST** http://localhost:8080/pictures/remove  
**Request Body:**

{

"loggedInUserId": "USER\_ID",

"photoToRemoveId": "PHOTO\_ID"

}

**💬 MESSAGE CONTROLLER – /message**

**🔹 Get Messages with a User**

**GET** http://localhost:8080/message/all/{id}

**🔹 Get All Friends with Chat**

**GET** http://localhost:8080/message/friend

**🔹 Send Message (WebSocket endpoint)**

**POST** (over WebSocket /app/message)  
**Request Body:**

{

"toUserId": "USER\_ID\_2",

"content": "Hey there!",

"fromUserId": "USER\_ID\_1"

}

**📋 LOGGER CONTROLLER – /logs**

**🔹 Get All Logs**

**GET** http://localhost:8080/logs/all

**🔹 Get Logs by Username**

**GET** http://localhost:8080/logs/findByUserName/{username}

**🔹 Clear All Logs**

**DELETE** http://localhost:8080/logs/clear

**🔹 Clear Logs by Username**

**DELETE** http://localhost:8080/logs/clearByName/{username}

**❤️ LIKE CONTROLLER – /like**

**🔹 Add Like to Post**

**POST** http://localhost:8080/like/add  
**Request Body:**

{

"postId": "POST\_ID",

"loggedInUserId": "USER\_ID"

}

**💬 COMMENT CONTROLLER – /comment**

**🔹 Create Comment**

**POST** http://localhost:8080/comment/create  
**Request Body:**

{

"postId": "POST\_ID",

"userId": "USER\_ID",

"content": "Nice post!"

}

**🔹 Remove Comment**

**POST** http://localhost:8080/comment/remove  
**Request Body:**

{

"loggedInUserId": "USER\_ID",

"commentToRemoveId": "COMMENT\_ID"

}