**Conversations Endpoints**

1. **Create Conversation**

* URL: **/api/conversations**
* Method: **POST**
* Description: Creates a new conversation between two users.
* Request Body:
  + **user1\_id** (String): ID of the first user.
  + **user2\_id** (String): ID of the second user.
* Authorization: Required (user authentication token)
* Response:
  + Status Code: 201 (Created)
  + Body: Newly created conversation object

1. **Get Conversation by User IDs**

* URL: /api/conversations
* Method: GET
* Description: Retrieves a conversation between two users based on their IDs.
* Request Body:
  + user1\_id (String): ID of the first user.
  + user2\_id (String): ID of the second user.
* Authorization: Required (user authentication token)
* Response:
  + Status Code: 200 (OK)
  + Body: Conversation object if found, otherwise returns an error object with status code 404 (Not Found) and message "Conversation not found!" if the conversation does not exist.

1. **Get Conversations by User ID – to list them in the user profile**

* URL: /api/conversations/user/:userId
* Method: GET
* Description: Retrieves conversations for a specific user.
* Parameters:
  + userId (String): ID of the user.
* Authorization: Required (user authentication token)
* Response:
  + Status Code: 200 (OK)
  + Body: Array of conversation objects

**Messages Endpoints**

**Create Message**

* URL: **/api/messages**
* Method: **POST**
* Description: Creates a new message within a conversation.
* Request Body:
  + **conversation\_id** (String): ID of the conversation.
  + **sender\_id** (String): ID of the message sender.
  + **receiver\_id** (String): ID of the message receiver.
  + **content** (String): Content of the message.
* Authorization: Required (user authentication token)
* Response:
  + Status Code: 201 (Created)
  + Body: Newly created message object

**Get Messages by Conversation ID**

* URL: **/api/messages/conversation/:conversation\_id**
* Method: **GET**
* Description: Retrieves messages for a specific conversation.
* Parameters:
  + **conversation\_id** (String): ID of the conversation.
* Authorization: Required (user authentication token)
* Response:
  + Status Code: 200 (OK)
  + Body: Array of message objects