



## How the application works:

1. The frontend application connects to the backend server using websocket.
2. user\_1 will send message to user\_2 using the frontend application.
3. The frontend application will send the message to the backend server
4. The backend server will push the message to user\_2.
5. The server is integrated with the message broker the message broker(activemq), and delegate the manager of the session to the message broker. What happens is that, when the backend tries to send push a message to user\_2, the message will be send to a message broker, and the message broker will do the magic and push the message to the client.

The nice thing about websocket is that, once we have the connection established between the client and the server, the server is able to push information to that client, and the client will be listening for any data that will come websocket.

In other words, we have two connection established between the client and the server, and the backend can push information directly to the client.