# Assignment7 – Web Chat Service

**Objective: -**
Create chatting app with Services and Cloud

**Description: -**
All messages are uploaded by the client and stored in its content provider that have not yet been uploaded to the server. A sequence number is provided to the last message that it receives, along with its own UUID and client identifier to identify itself.
These messages are added to the server and adds to its own database, assigning each message a unique sequence number. The server responds with a list of all of the registered clients, and a list of the messages that it has received since it last synchronized with the client. The client deletes the messages it has just uploaded, and inserts the messages received from the chat server. The list of chat clients is replaced with the list received from the server. Assuming one is using server-assigned client identifiers as primary keys for clients in their content provider, you will be able to maintain the correct relationships between clients and messages in your content provider.

**Conclusion: -**
In this way I have successfully created chat app using services, saved messages and http protocols to save that messages on the cloud.