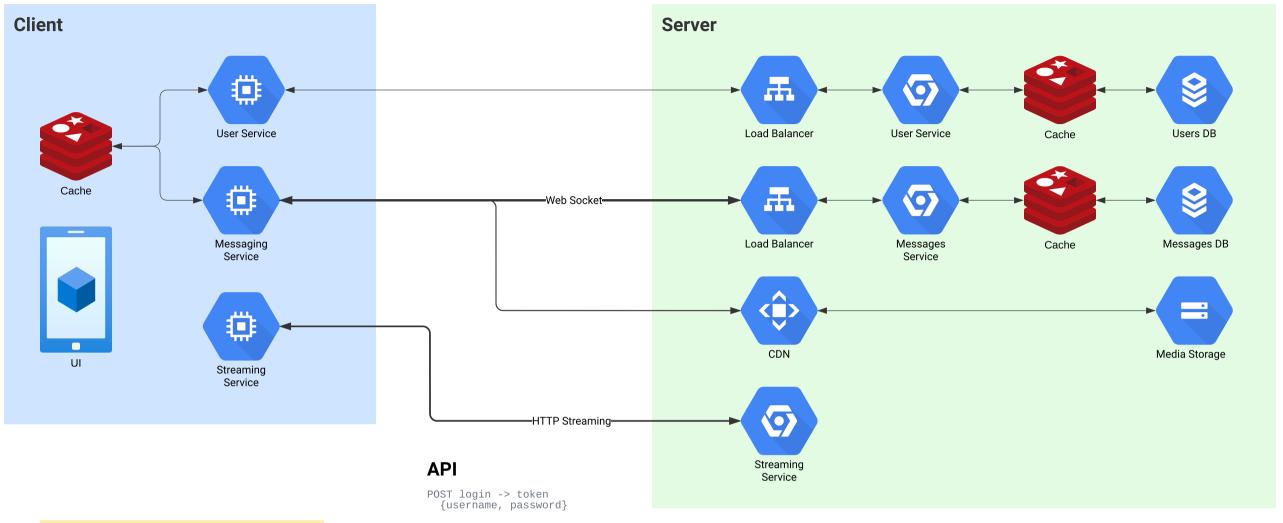
## **Social Messaging Service**

Stefano Borghi | August 23, 2022



**User Service:** allows auth to the user and provides list of available users and their connection status

Message Service: establishes socket connection with the server to allow real-time async message exchange. It also allows to manage groups.

**Streaming Service:** allows to perform audio/video calls among clients

## POST logout {token} GET userStatus -> status {token, userId} POST createGroup -> group {token, name, admin, partecipants} DELETE deleteGroup {token, groupId} PUT updateGroup {token, groupId, name, admin, partecipants} POST sendMessage {token, text, recipient, attachments} DELETE deleteMessage {token, messageId} PUT updateMessage {token, messageId, text, recipient} POST callGroup {token, groupId, withVideo} POST endCall {token, groupId}

## Message

User

+ id

+ name

+ email

+ phone\_number

- + id
- + text
- + attachments + sender
- Sender
- + recepient + group\_id
- + sent\_at

## Group

- + id
- + name
- + admin + pertecipants
- + pertecipant + created\_at