

# Chat System

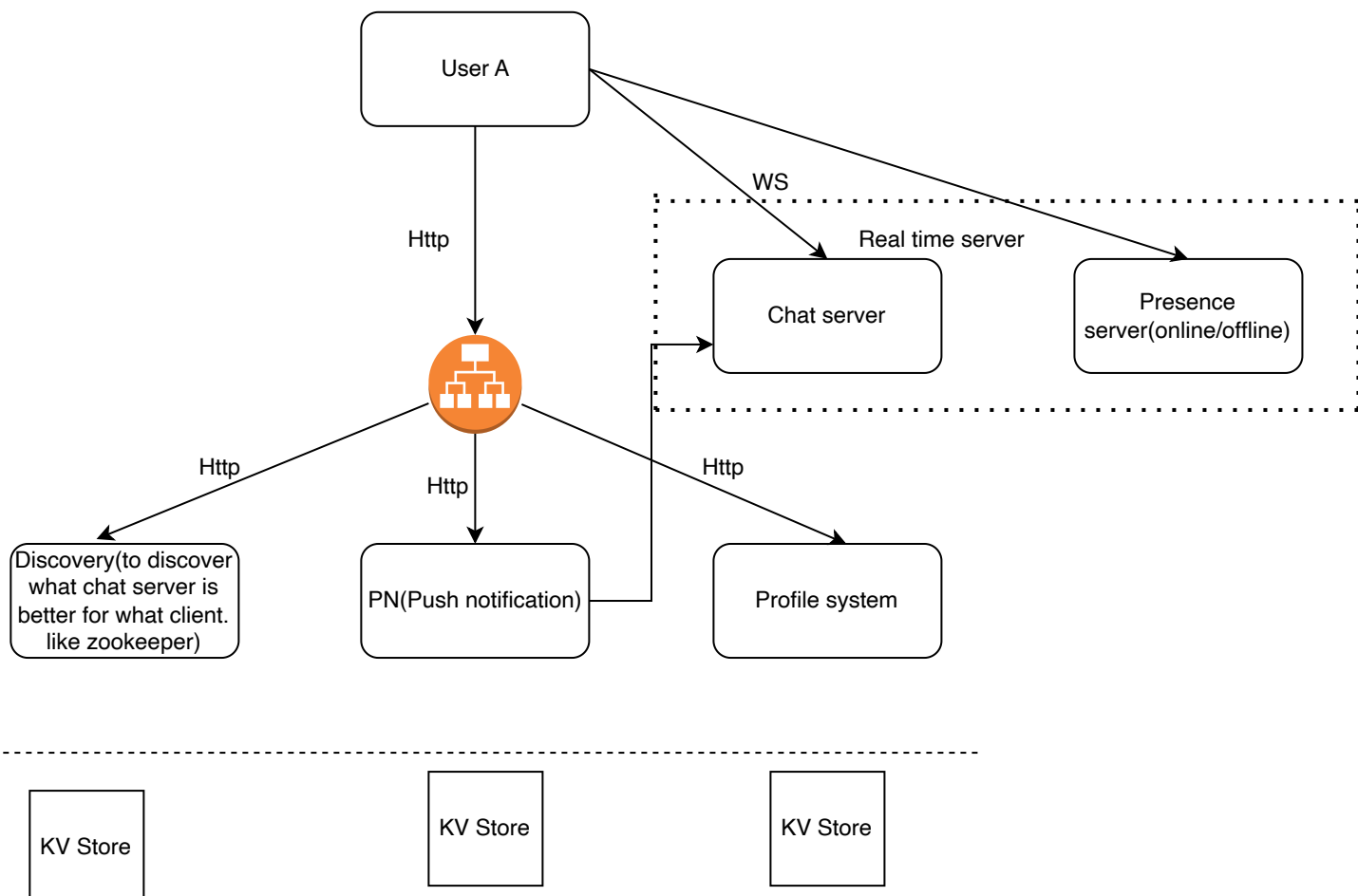
## Requirements

- 1:1 /group chat
- online/offline status show
- text message
- mobile/web app
- 100 member limit group
- 1000000 chars message size limit
- chat history to be saved forever
- multiple device support(1 person can login and chat from different device)
- Push notification(for offline user).

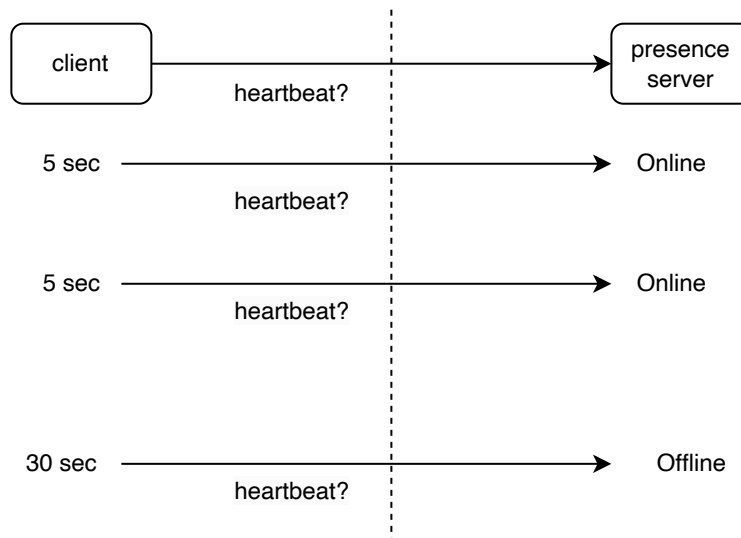
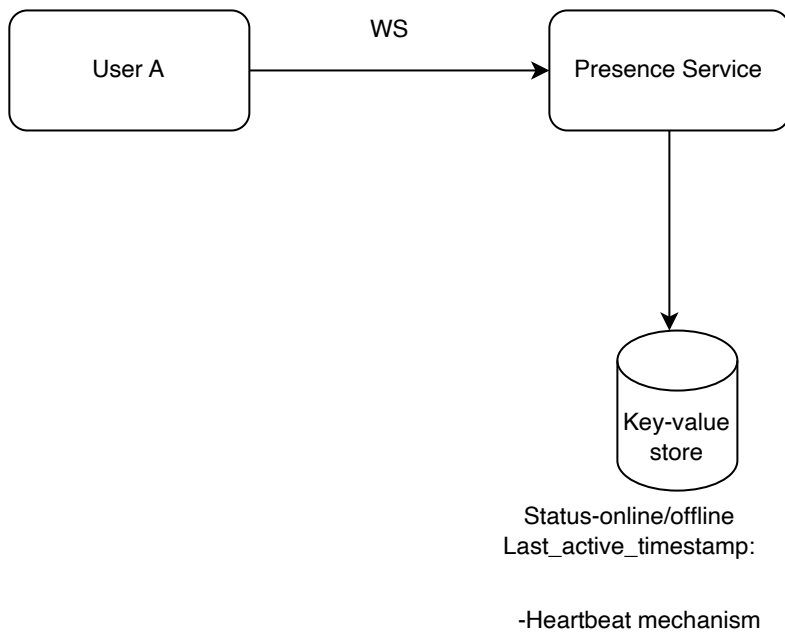
### HLD-1



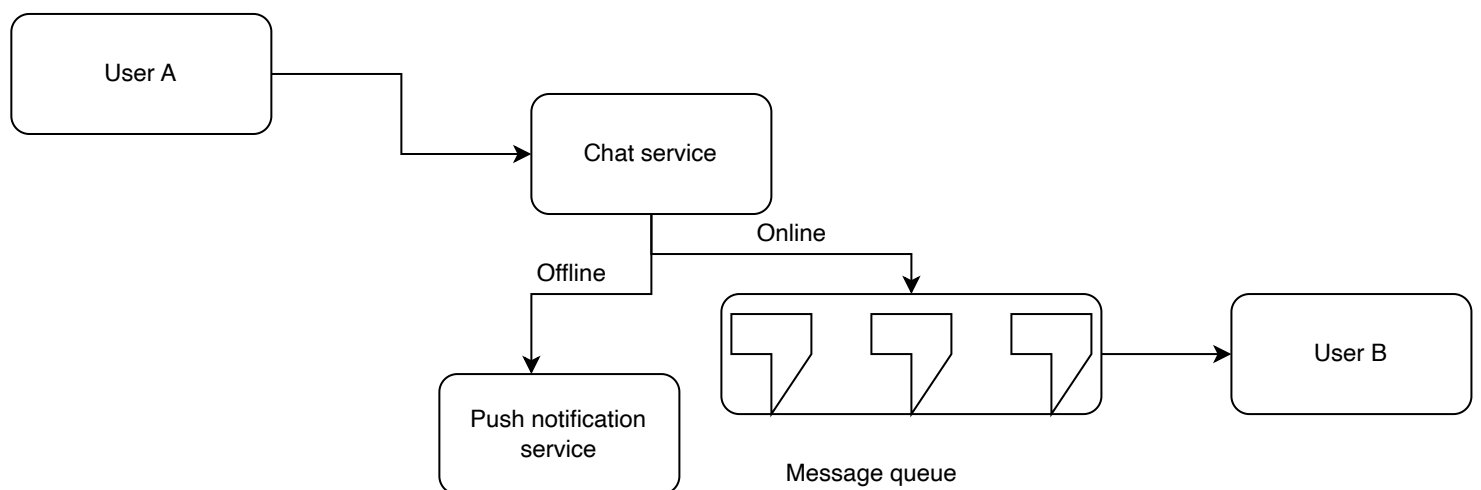
### HLD-2



### HLD-3(Presence service)



### HLD-4(1:1 chat)



HLD-5(Group chat)

