SYSTEM DESIGN EXAMPLE

- 1:1 conversation 1 DEFINE MNP (2) ESTIPMONTE SCALL 3 DESIGN GOALS 1 User sign up -ANI DEFN 3 arryp conversation

 Broadcast DEEP DIVE Feta conversation & nessages in my mailbox Reed / unread, Sent/delivered Status of user: Online/Offline. Realtine < latery should be low. Notification about mes nussage. > NO. 10001 of machine to store. Do all mags. fit in one machine @ Can all queries se houdled by 9PS: 58 * 2.5米365米10 5*10°×2 9000TB - (3PB)
 - CP Consistent
 - Laterry low & realtime Co. 1 hr. Homen -> delivered bo

26400

15000 X10

86400

1 3/106

1) User signup

Dend Message (UserId, recipientId, text timestamp, messageId)

(3) Fedthing conversations

Jetch Comer sations (userId, num Conversation Id.

Jetch Mensera (userId, conversation Id.

- fetchmensages (UserId, conversation Id, num Mensages, oppset, delta, bine

1 les purced, sur falle

@ notify user

Client Law Balaner

Asa Balaner

Asa Malaner

Louis Mass. Asa Mass







