

exercise

designing a
side-chat app

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why a "sidechat" app?
in Zoom meetings, eg
don't trust privacy
want chat to persist

what friction to eliminate?
finding and joining chat

what Zoom issues to fix?
missing messages before join
chat doesn't persist after meeting

Side-Chat

Log In / Register

Quick Join

Join directly as a guest.

Room: horsefalcon

Anna, Bella (me)

Anna 11:04 PM
Hello!

Me 11:04 PM
Hi there!

Anna 11:04 PM
How are you?

Welcome, bella

Create a New Chat

Join an Existing Chat

part 1: functional design

break into teams by table

introduce yourselves if you haven't already!

brainstorm some ideas for functions (5 mins)

no judgment: goal is to come up with broad range
think about likely friction you might eliminate
just write down a phrase or sentence for each

select some functions (5 mins)

as a team, select a promising subset that might define an app

break into concepts (5 mins)

group the functions into concepts
give names to the concepts
do you need supporting concepts?

discussion (10 mins)

commonalities & differences?
what was hard? easy?

part 2: concept design

pick some key concepts in your design

for each, list some actions and state components

write some synchronizations

between these concepts or with others

when *action* where *condition* then *action*

use an LLM to help

to sketch concept outlines & to respond to ideas

upload background document

<https://essenceofsoftware.com/cap>

discussion (10 mins)

what issues came up?

what was hard? easy?