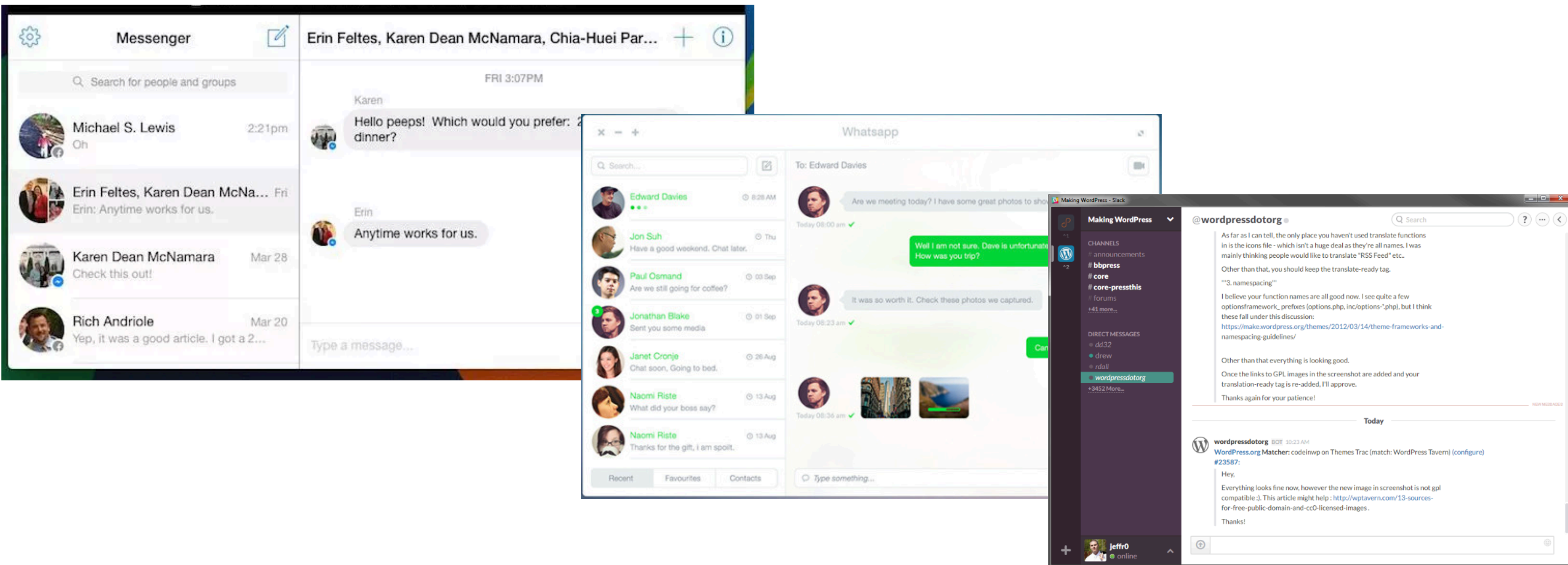


API Design Activity

Organize yourselves in groups of 3

Design the API and Database Schema for a Messaging Application



DELIVERABLES

List of Front-End Interactions

API Documentation (Endpoints, supported verbs, parameters)

MongoDB Schema

List of Assumptions

These need to be detailed enough that someone else can implement the backend for you

SHOULD INCLUDE

For each FE interaction: the API calls made and the responses returned

For each API Call: DB queries made and any logic used to combine data

These should be as detailed as the API spec for MP 3

TIMELINE

Finish the design today

Present in class tomorrow

Email links to Google Doc/Slides to Bioplabs
(deka2@illinois.edu) in 10 minutes

GRADING CONSIDERATIONS

Can I implement your spec?

How many features will work?

Efficiency

Design decisions are justified

Bonus: Front end mockups

PROTIP: Budget your time. Do not try building too many features.