

December 6th, 2022

## SEM Lab Notes

Feedback on the lab 1 rough draft - look into the pdf for further detail

- how we came up with it and how do we identify them?
- context map is not necessary - talk about it if you include it
- provide explanation of the reason why you chose the exact number of microservices and explain the interaction between them (communication style specifically - use synchronous but provide explanation)
- go more in depth into each microservice and architecture design choice
- answer to relationship between user and planner microservices relationship => D and U
- UML diagram
  - add subsystem, component for databases (subsystem:one microservice, there are different services within, and use the symbol from the TA's example)
  - Messenger and Planner microservices relationship => clarify which way the requires go so the data flow is shown
  - Required to add ports for the APIs (squares signify ports)
- When moving to the actual implementation, do we have to follow the persistence? No
- Further elaborate on the bounded contexts division

### Implementation

- Is the extra directories necessary? => duplicating files is the easiest
- Can the H2 files be in the root? => cover in the meeting

### Plan out the first sprint

- milestone and issues
- create the classes and interfaces according to the class diagram
- redistribution of work
- Make the core frame of the microservices
- Goal of the week:
  - user: user administration, hook up with the authentication
  - activity: get api endpoints working for activity
  - authentication: finalize authentication and move onto other tasks (e.g. tests)

### General

- Unit testing (and maybe parts of integration) should be finished before Christmas break
- Next meeting is at 3:30pm
- Keep in mind of the deadline for lab 1
- Merge dev into main before Sunday for feedback