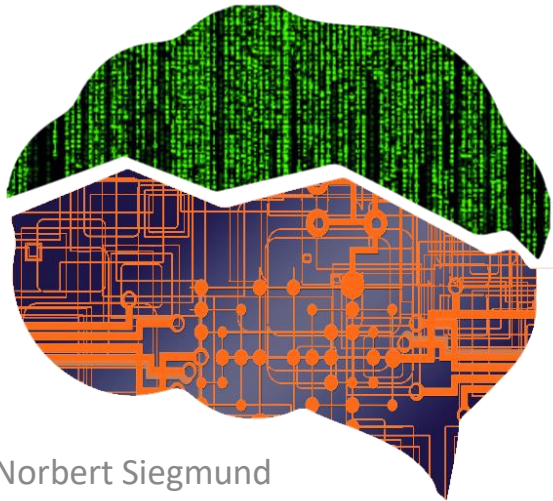


Modern Software Technologies

Architecture & Topics



Prof. Dr.-Ing. Norbert Siegmund
Intelligent Software Systems

**Bauhaus-Universität
Weimar**

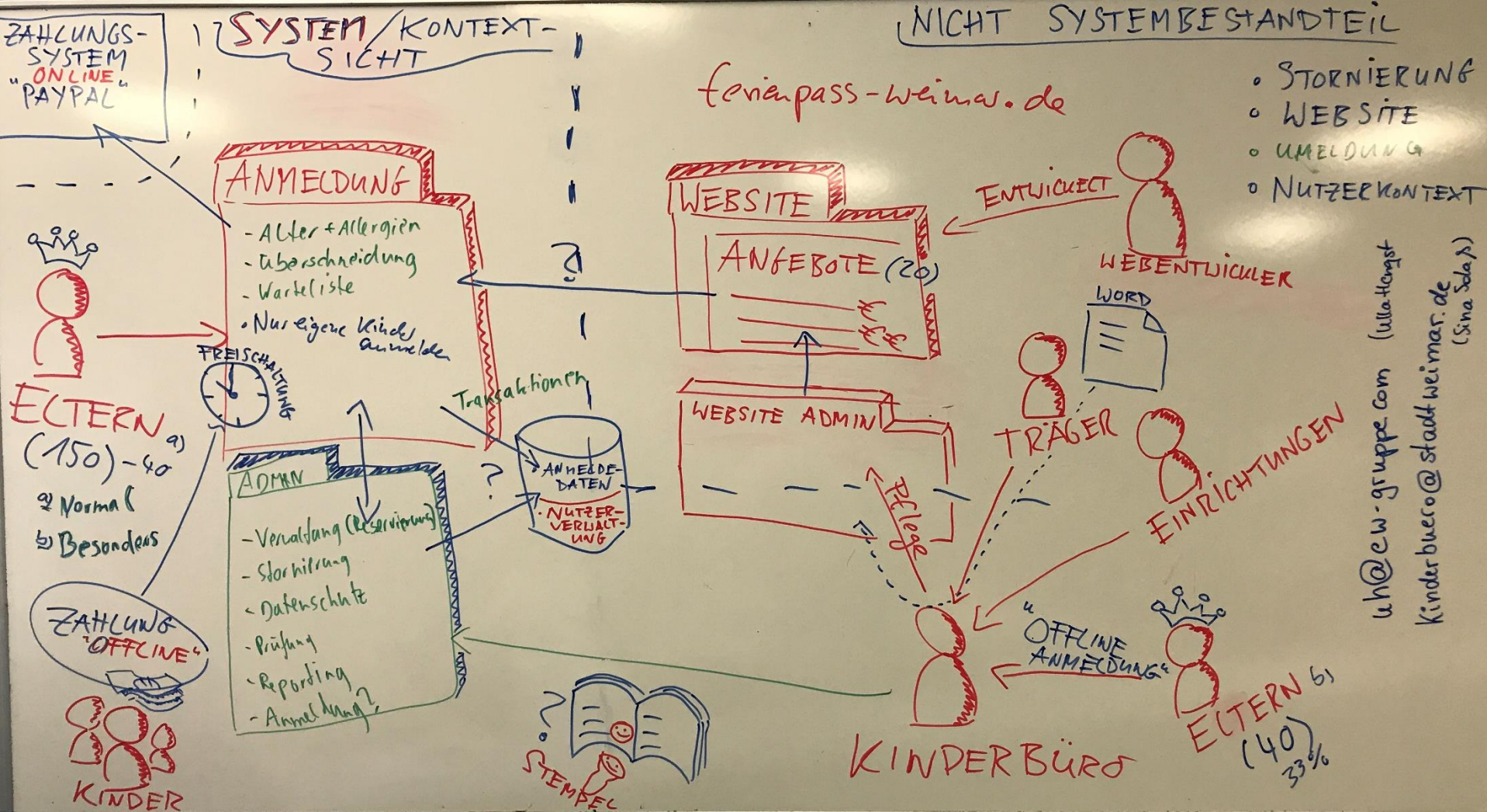
Schedule for Today

- Review requirements
- Create an architecture

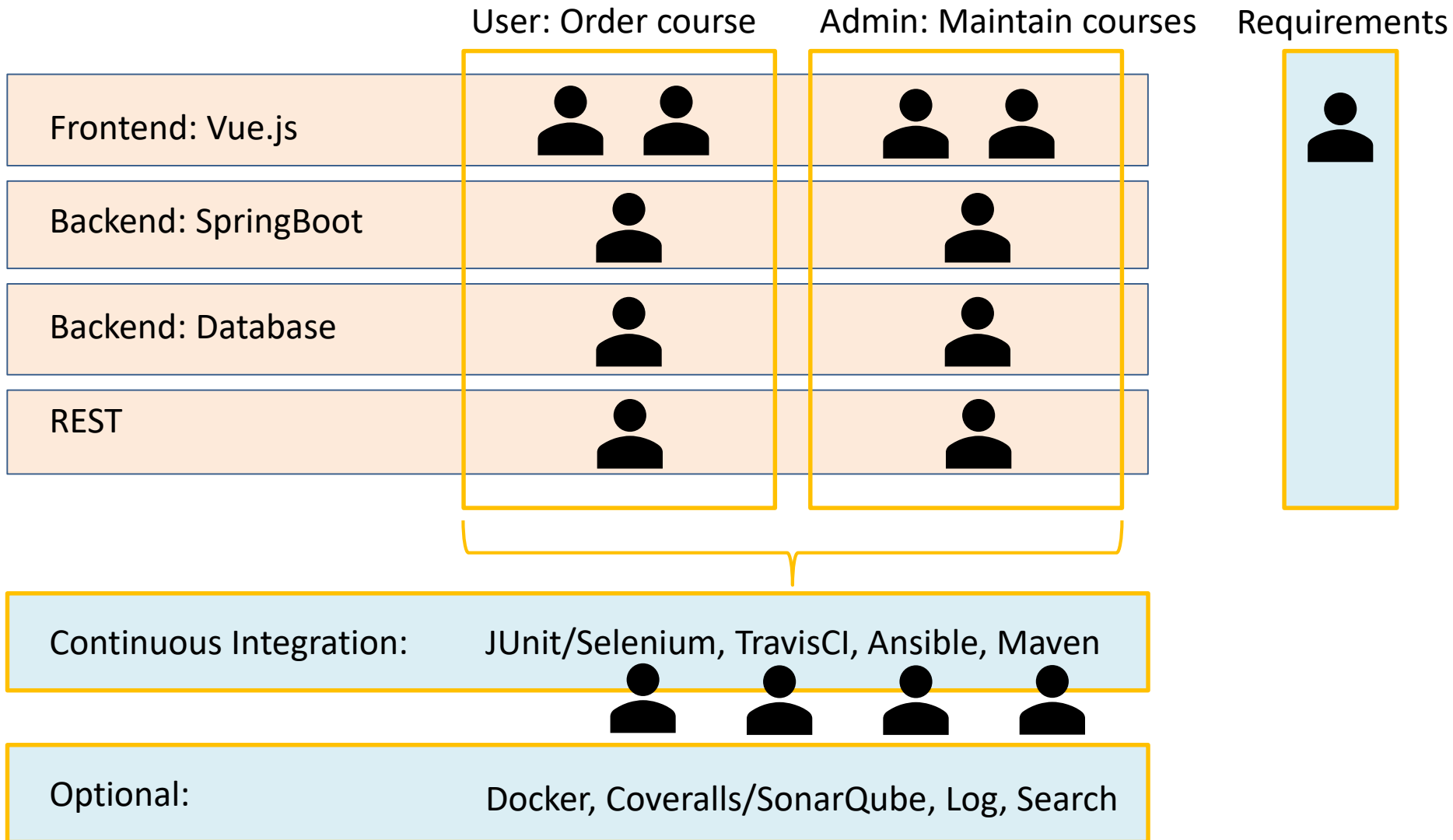
- Distribute topics among students
- Introduce GitHub organization and Slack
- Go through an exemplary MicroService

- Set a date for first milestone
- Clarify open questions

Requirements in Arch42

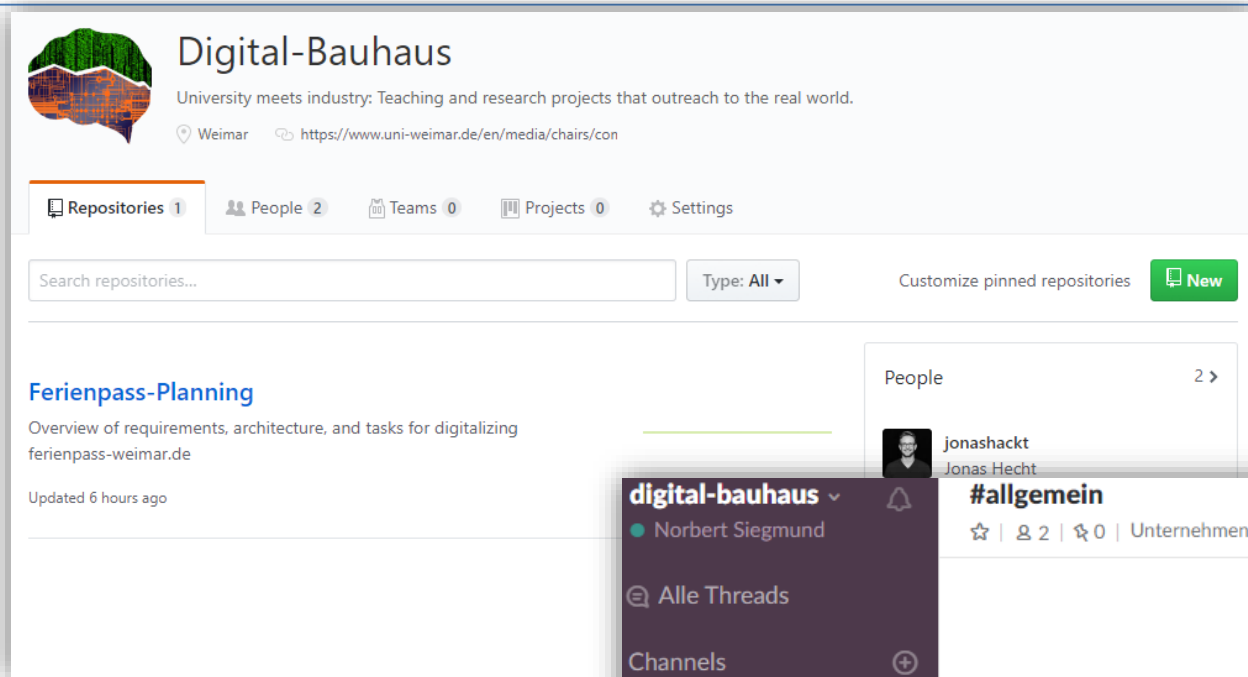


Architecture

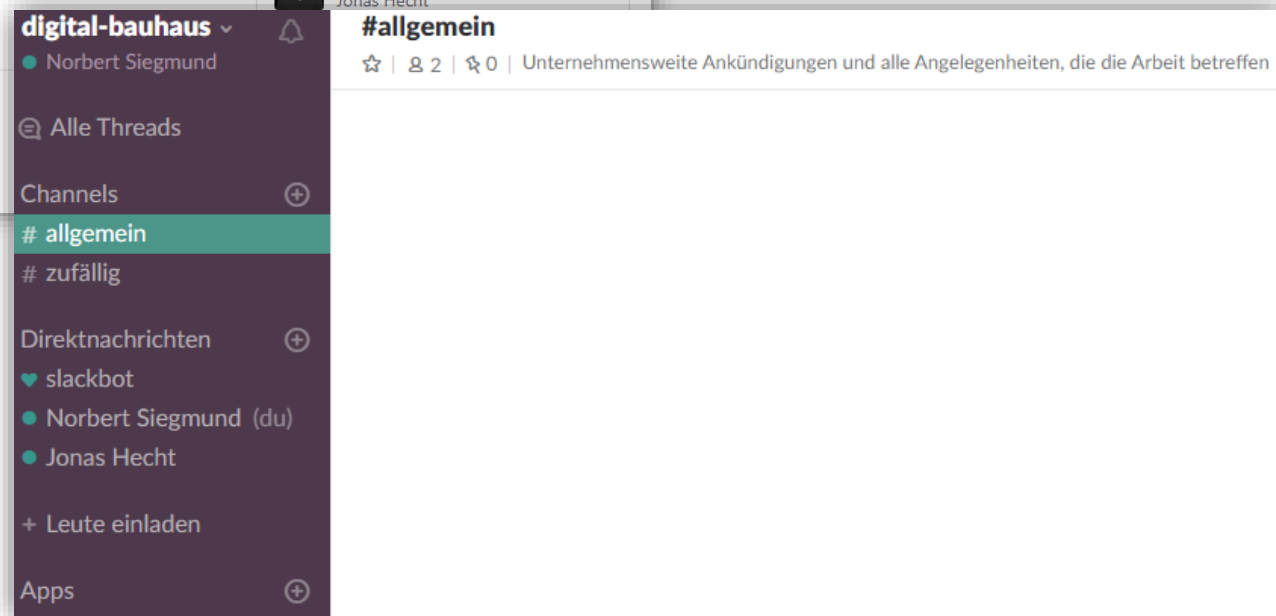


GitHub + Slack

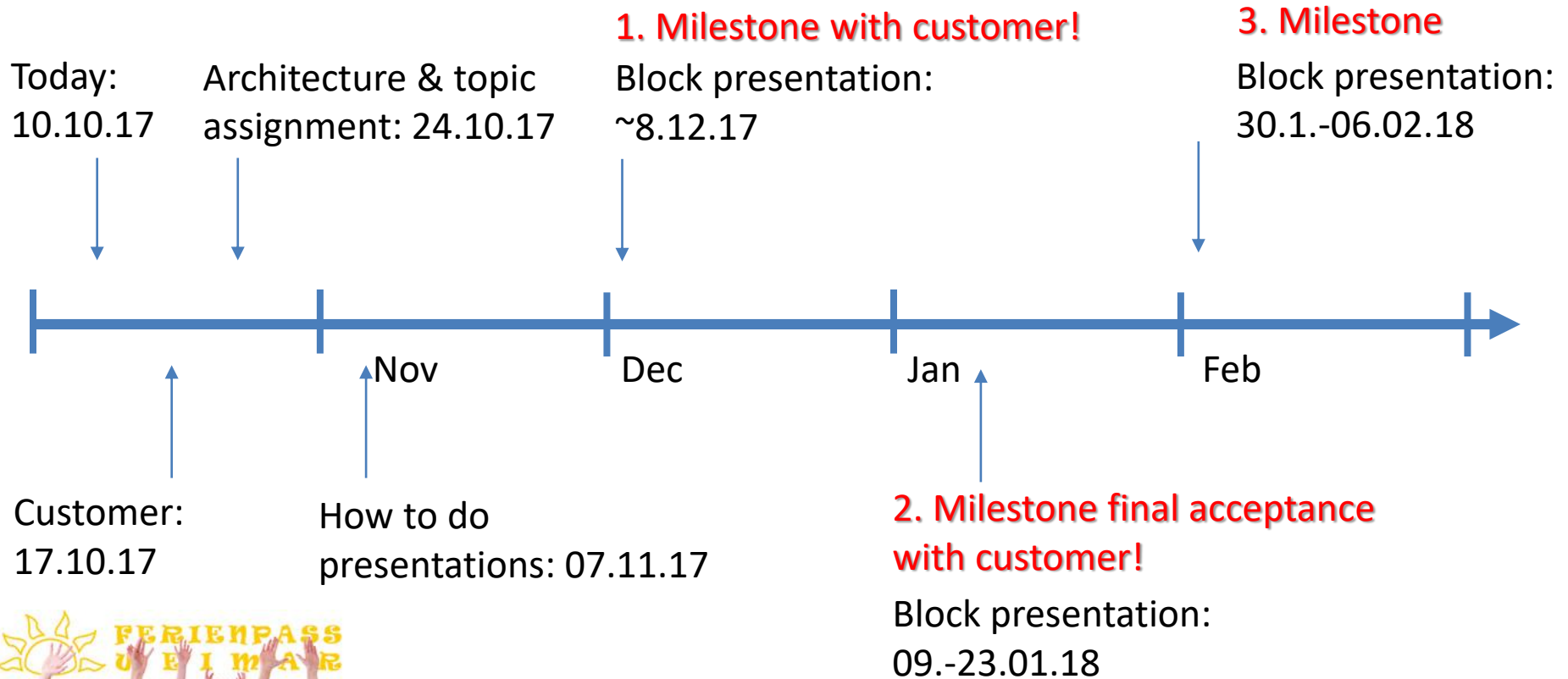
Register at
GitHub and
**send me your
account name**



Register at
Slack and **send
me your
account name**



Important Dates



First Milestone

- Friday, 8th of December???
- 9-12am???
- Presentations and schedule:
 - Frontend Demo User (30min) + Admin (30min)
 - 20-30min discussion with customer
 - Other presentations will be determined soon
- Send presentation **at latest** on Friday 1st of December

Milestones & Block Presentations

- 1. Milestone
 - Show initial Web page to the customer and initial functionality
 - 3x20min per demonstration + 5-10min discussion
- 2. Milestone
 - Similar to above, but with acceptance or rejection by customer
- 3. Milestone
 - Without customer and more in-depth analysis
- After demonstration:
 - Presentations of topics (20min)
 - Tutorials for non-customer related implementation (30min)

Scheduling the Milestones

- 3-4 hours in a row (or with a small break in between)
- Day of the week
 - Monday, Tuesday, Wednesday, Thursday, Friday?
- 1. Milestone: 5.12.?
- 2. Milestone: 08.01.? 23.01.?
- 3. Milestone: 30.01.? 06.01.?

Details...

- Topics are selected by lot (Lose); trading is possible within a day
- Depending on the topic, you implement a solution for the customer or prepare a tutorial for your fellow student
- Presentations need to be sent 1 week before the day for presentation arrives to get feedback
- Consultation with Jonas Hecht and me are possible and welcome
- Dates for presenting implementation/tutorial + topic depends on the concrete topic (some early Dec; some Jan)