Project: HPI Compass by SSE Technologies
Find Your Own Way
Scalable Software Engineering
WS 2021/22
Co-Innovation Project between SSE Technologies and HPI

- “SSE Technologies” is a rather young company
- Founded 29. October 2021 by Michael Perscheid (CEO) and Christoph Matthies (CTO)
- HPI Start-up with the goal to reinvent people culture at universities
- We have a trustful relationship with HPI and we could win it as our first customer and co-innovation partner
- We had luck and could win more than 80 students from day one
- We favor open source software and agile development processes

Remember: This is just a simulation! So, no money for you ;-

Who’s that? https://www.linkedin.com/company/sse-technologies/?originalSubdomain=de

If you see this logo, we’re in the simulation
Co-Innovation Project between SSE Technologies and HPI

Ralf Teusner
Customer from HPI

Michael Perscheid
CEO of SSE Technologies

Christoph Matthies
CTO of SSE Technologies
No central people portal at HPI

- Information is distributed on multiple web pages, not unified, sometimes out of date
- You will need background knowledge or the help of google
- Where can I find someone and how to get there?
- Situation is even worse if you don’t know the name but rather looking for a specific role
- Or even more worse, if you are looking for non-human point of interests (cafeteria, toilettes,...)
Remember your first semester (and maybe still valid)

- All you get for navigation is this high-level map w/o indoor information
  - Where is Ulf?
  - Where is the next toilette?
  - How long do I need from A to B?
  - Which access rights do I need?
  - Where am I?
  - How to meet my friends?

- The HPI has grown a lot over the last years and it will continue
Project: Compass
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Will You Finish the Project?

1. How many people and how much time will you need?
2. Can you finish the project in time (3 months, 40 students)?
3. With which quality?
4. Can three full-time equivalents (FTE) finish it in three months?
5. Wanna bet?
6. What is the definition of done?

About 40 students per project with 6 ECTS each = 1 day (8 hours)
- Lecture (3 hours)
- Meetings and Operations (2 hours)
⇒ At best, 3 hours of productive time per student per week
⇒ 120 hours per week
⇒ ~3 Full-time equivalents (FTE) for three months