



Finale & Retrospective

Scalable Software Engineering

WS 2022/23

Enterprise Platform and Integration Concepts

Project Closing



Archive knowledge, finish latest project work, and release resources

- Don't underestimate the closing of projects
- Check project management plan to ensure all tasks are finished!
- Final report and retrospective with team
- Try to receive feedback from all stakeholders
- Celebrate independent of success-level
- Plan handover and follow-ups

Callback to
Project Management
slides

Finale

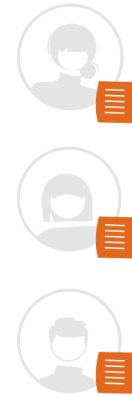


Thanks for attending the course!

- Your work and enthusiasm make this course work
- **Thanks for your work, collaboration and communication**
- A big “Thank You!” to our tutors!

Feedback

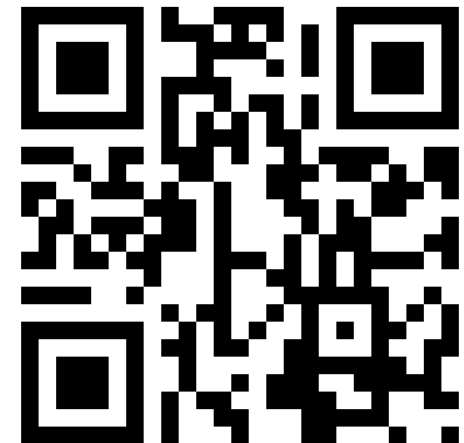
- We rely on you for feedback
- If you enjoyed the course, recommend it
- If there were things you thought could be improved next time...



I like, I wish

(I learned, Let's Try)

- **Notes:** http://tiny.cc/sse_retro_23





SSE Exam Information & Evaluation

Scalable Software Engineering

Reminder: Written Exam



General Info

- Scheduled for **March 3th 2022, 10:00 AM**
- **HS 1,2 & 3**
- Exam time 90 minutes
- Studierendenausweis
- If a “Nachteilsausgleich” is relevant: contact us

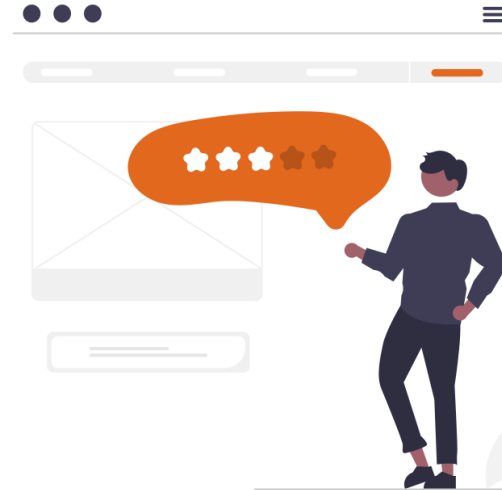


Course Evaluation



Evaluation and Feedback

- Please evaluate the course on EvaP!
 - <https://evap.hpi.de/>
- **Official course evaluation**
 - Structured
 - Multiple dimensions
 - Anonymous
 - Please use the free text fields, they are most helpful!
- Help us get better



Recruitment



Tutoring

- This course relies heavily on coaching in meetings
- Did you enjoy thinking about processes and how teams can work together?

Did you think **“I could do that tutor job”**?

You can! christoph.matthies@hpi.de, michael.perscheid@hpi.de

Research

- Interested in Agile methods and software engineering?
Are there things you would like to explore in a research setting?
- Send us your ideas and what you would like to work on!





Summary and Q&A

Scalable Software Engineering

Extract of Learning Targets



Be able to reflect on the development process and to discuss
be aware of advantages & challenges of the discussed topics

Scrum

- Motivation for Agile & Agile Manifesto
- Roles, Artifacts, Meetings, Theory
- Estimations & Schedules
- Scaling Scrum

Software Development

- Behavior-Driven Development
- Web Development Basics
- Continuous Integration/Delivery

Testing

- How, What and When to test
- Principles of Tests (e.g Test Isolation)
- Categories and Types of Tests

Project Management

- Project Envisioning Strategies
- Requirements Engineering & Prioritization
- Planning & Agile Vision Pyramid

Organizing Work & Collaboration

- Artifact Transparency
- Approaches for Code Organization
- Methods of Code Reviews & their Applicability
- Remote Collaboration

Deployment & DevOps

- Workflows & Pipelines
- Hosting Options

Lean & Kanban

- Principles & Differences (esp. vs Scrum)

Questions & Answers



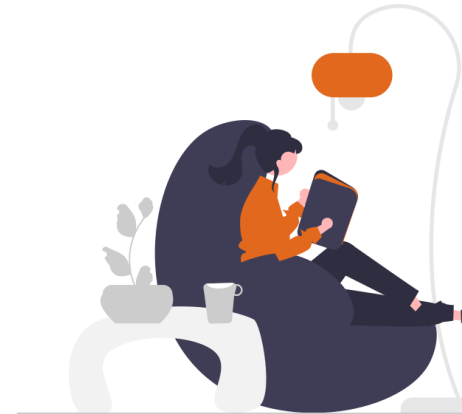
Open Questions?

- Exam procedure
- Lecture content

Studying

- Use the collected questions for studying
- Read Agile blogs
- Discuss with others

(Re)read the
Scrum Guide:
<https://scrumguides.org>



Your SSE Exam Questions



Custom Questions

- Thanks for sending them in!
- **Let's discuss some**



Potential SSE Exam Questions



- Dein Manager sagt: "**Kanbans Spaltenlimits sind schlecht**, da mein Team deshalb weniger Tickets bearbeiten kann und damit unproduktiver ist." Nimm zu der Aussage Stellung.
- Auf welche **Eigenschaften** sollte beim Design von **Softwaretests** geachtet werden?
- Wie kann der **Scrum Prozess** für verschiedene Teams, die wie in SSE zusammenarbeiten, **skaliert werden**?



Potential SSE Exam Questions



- Erkläre die Zusammenhänge und Unterschiede zwischen **Unit-, Integration-, Acceptance- und E2E-Tests**
- Welche **Vor- und Nachteile** für den Softwareentwicklungsprozess ergeben sich aus der **Umsetzung eines MVPs**?





Game Time!

Scalable Software Engineering

SSE Jeopardy! 2023

IMMER IM KREIS

BESTE PRAKTIKEN

RUBY, RUBY, RUBY, RUBY

SCHALTEN UND WALTEN

WEICHE WARE

GEMISCHTW

\$100

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<https://www.playfactile.com/ldkd85pwc3/play>

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