Summary, Oral Exam, Q&A

Software Engineering II
Enterprise Platform and Integration Concepts
Agenda

1. Summary
   ■ Learning targets

2. Oral exam
   ■ Structure
   ■ Process

3. Q&A
   ■ Discussion
Learning Targets

Be able to reflect on the development process, be aware of pros & cons

Software Development

- The basics of intro exercise
- Continuous Integration
- Scrum
- Agile Manifesto
- Roles, Artifacts, Meetings
- Scaling Scrum
- Pros & Cons

Project Management

- Tools & best practices
- Planning

Version Control Systems

- Processes
- Testing
- TDD, BDD
- Best practices

Code Reviews

- Methods, Pros & Cons

Deployment

- DevOps
- Approaches and alternatives
Oral Exam

- Group exam of 3 people
- Questions posed one by one to each participant
- 3 categories of questions
  - Knowledge (What is ...?)
  - Understanding (Explain ...)
  - Applying learnings (How would you...)
- Questions from each category drawn randomly
- 30 minutes overall per group
- After initial answer, question can be opened for discussion
- 2 to 3 teaching team members present
Evaluation

- Please evaluate the course on EvaP!
  - https://evap.hpi.de/
  - Evaluation period ends on Feb 8th, first oral exams

- Structured
- Many dimensions
- Anonymous
Q&A

- Everyone knows when their oral exam slot is?
- Everyone knows where room V2.16 is?

- Next lecture, next week **26. January 13:30**
  - Guest lecture by Johannes Nicolai from GitHub on GitHub's vision to automatically assist you in every coding related activity.

- Questions on
  - exam procedure?
  - lecture content?