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

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Oral Exam

HPI

- 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 eaching 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?