Practical Course Software Engineering for Business Information Systems – SEBA Lab Course: Preliminary Discussion

Felix Hoops, Zoom, 13th of July, 2023

Chair of Software Engineering for Business Information Systems (sebis)
Faculty of Informatics
Technische Universität München
wwwmatthes.in.tum.de

Goals of the SEBA Lab Course (former Web App Lab)

- Deepen your knowledge from the Web Application Engineering (SEBA Master) course
- Get familiar with new technologies such as blockchain, NoSQL databases, Cloud Computing, REST APIs, React.js, NLP, ML, etc.
- Get more practical experience in application development
- Collect teamwork experience and practice presentation skills in English
- Participate in current research projects at sebis and collaborate with industry partners

Organization*

Date	Time	Room	Topic
17.10.2023	10:00-12:00	Zoom	Initial Meeting – Project Proposals
Weekly meetings (on project team level)			
13.12.2023	10:30-16:30	In-person TBD	Intermediate Presentations
Weekly meetings (on project team level)			
14.02.2024	09:30-16:30	In-person TBD	Final Presentations

* Dates not 100% final. Finalized dates will be published on the course page within the next 2 weeks.

Overview

General Information
- Only for Master's students
- Preferred admission for students who successfully participated in SEBA Master
- Solid programming skills required
- 48 students will be accepted
- 10 ECTS / 6 SWS
- Presentations are planned to take place in person
- Registration per Matching System and Survey below between 14th of July 2023 and 19th of July 2023
  - https://matching.in.tum.de/
  - https://forms.gle/JNeDU4nCwYBKabZ67

Further Information
- https://wwwmatthes.in.tum.de/pages/18witnulbiwl6/SEBA-Lab-Course
- Latest information on the course
- Additional literature for the lab course

Examination
- Presentation of team results in two meetings
- Final application with the source code
- Retrospective slides deck
  - Key learnings by each team member
  - Contribution matrix

Evaluation

Application

- User-Centered Design
- Architecture Documentation
- Code Quality
- Team Work

Presentation

- Content
- Structure & Style
- Time Management
- Quality of the Answers

For successful completion of the course, both examination modules have to be passed!

Some of our industry partners from the past for external topics

Visit Latest information on the course

https://wwwmatthes.in.tum.de/pages/18witnulbiwl6/SEBA-Lab-Course

Summary

Registration
14.07.2023-19.07.2023

- Matching System
  https://matching.in.tum.de/
- Survey
  https://forms.gle/JNeDU4nCwYBKabZ67

Up-to-date information
https://wwwmatthes.in.tum.de/pages/18witnulbiwl6/SEBA-Lab-Course

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