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Requirements Engineering II

Course structure and introduction

Universität Zürich
Institut für Informatik

Course structure

○ Contents: Seven assignments on selected, advanced topics in Requirements Engineering

○ Prerequisites: contents of course Requirements Engineering I

○ No traditional lecture style

○ Students acquire knowledge mainly themselves by

  ● reading original articles

  ● performing practical exercises

  ● preparing presentations and giving them in class

○ For every assignment, there will be a 90 minutes session in class with student presentations, Q&A, and discussion

Topics of assignments

1 Requirements traceability

2 Goal-oriented Requirements Engineering

3 Requirements Elicitation

4 Formal Methods

5 Requirements Engineering for product lines

6 The ADORA language and tool

7 Usability and user interfaces

Schedule

27 Nov 06   Introduction and setup

4 Dec 06   –

11 Dec 06   1. Requirements traceability / RE conferences and journals*

18 Dec 06   –   [exam in RE I]

8 Jan 07   2. Goal-oriented RE / 3. Requirements elicitation

15 Jan 07   –

22 Jan 07   4. Formal methods / 5. RE for product lines

29 Jan 07   6. ADORA language and tool

5 Feb 07   7. Usability and user interfaces / Wrap-up

12 Feb 07/
19 Feb 07   Final exams

*No assignment, information only

Exams, pass criteria

○ Pass requirements

   1 Successful completion of at least 5 of 7 assignments

   2 Presence in class sessions for at least 6 assignments

   3 Passing grade or better in final exam

○ For passing the course, all three criteria must be met

○ Final exams will be held as 25' aural exams if nobody objects

   ● Primary date: 12 Feb 07, morning

   ● Alternate date: 19 Feb 07, morning