Requirements Engineering II
Introduction and Setup

Dr. Norbert Seyff

Dr. Anne Koziolek

University of Zurich UZH

Course Structure

Contents: Seven assignments on selected, advanced topics in RE

Prerequisites: Content of Requirements Engineering I

Style: Seminar-style lectures

Course Structure – 2

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

Please close laptops and participate

Assignment Topics

1. Requirements Elicitation and Innovation
2. Conflict Management
3. RE in Social Networks
4. Requirements Modelling
5. Scenario Modelling
6. Requirements Management and Traceability
7. RE Tools

Assignment Materials

Assignments typically include
- Assignment description
- Mandatory and theme-specific reading
- Exercises

See course web page at
http://www.ifi.uzh.ch/rerg/courses/hs12/re_ii/

Paper download is password-protected
User name: stud
Password: communicated in class on Oct 15

Schedule

15 Oct. 2012	Introduction and Setup
29 Oct. 2012	RE Conferences and Journals (no assignment, information only) 1. Requirements Elicitation and Innovation
12 Nov. 2012	2. Conflict Management 3. RE in Social Networks
26 Nov. 2012	4. Requirements Modelling 5. Scenario Modelling
10 Dec. 2012	6. Requirements Management and Traceability 7. RE Tools
January 2013	Final exams (to be announced)

Exams & Pass Criteria

Pass requirements
- – Successful completion of at least 5 of 7 assignments
- – Presence in class sessions for at least 6 assignments
- – Presenting the group topic at least 2 times in class
- – Passing grade or better in final exam

For passing the course, all four criteria must be met

Final exams will be held as 20' oral exams

Elicitation and Innovation
Finding out what is needed

Elicitation and Innovation
Preparation

Individual Tasks

– Mandatory Reading
  - Overview of elicitation techniques
  - How to understand needs
  - How to support creativity

– Working on questions and summaries
  - Prepare short summary
  - Prepare questions for discussion
  - Answer given questions

Elicitation and Innovation
Preparation

Group Tasks
- Preparation of talks
  - A. Selection of Elicitation Techniques
  - B. Elicitation of Requirements on Site
  - C. Creativity and Product Innovation

- Discuss elicitation techniques for RE-I case study

Now:
Create 3 groups with 4 participants each

Presentation Tips
Content

Not only summarize the papers sequentially

Talk about your topic
- Main message, how do papers relate to it
- E.g. compare different approaches or highlight common ideas

Set the papers in context to the overall assignment topic

Presentation Tips
Presentation Skills

Use this course as an opportunity to train presentation skills

Great source on how to deliver presentations: http://www.garrreynolds.com/Presentation
- – Organization and Preparation
- – Delivery
- – Slides

Not everything is applicable to seminar talks, but main ideas apply

Presentation Tips
Some Rules of Thumb

- Do not put text blocks on slides

- Do not use more than 7 bullet points per slide

- Better: Do not use bullet points at all

- Try to use diagrams / images instead of text

- Use animations sparingly (only appear / disappear)