

Software Systems Verification and Validation

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Grading - Seminar

- Attendance: 4 out of 6 required
 - 20% of the final grade
 - You can change the date of your scheduled seminar if you exchange your “place” with another student.

Seminar structure

Assignment 1 – 10 minutes – discussion on a given topic (the teacher is an observer)

Assignment 2 – 60-70 minutes – assignments on a given topic

Assignment 3 – 10 minutes – quiz about required reading and seminar discussions.

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6
Inspection	BBT	WBT	Levels	Web	All
50XP	50XP	50XP	50XP	50XP	50XP 300 XP – SLR Report +video+peer review

Grading – Seminar (2)

Conduct a Systematic Literature Review on a provided research topic.

- SLR (Systematic Literature Review) – Report pdf – 150 XP
- Video presentation + Peer review – 150 XP
- References
 - Barbara Kitchenham, Procedures for Performing Systematic Reviews, 2004
 - Barbara Kitchenham, Guidelines for performing Systematic Literature Reviews in Software Engineering, 2007
- Team: 3 persons/team
- Tasks (48h:12=4h/week for the team)
- Task a) Report pdf
 - 01. Search and save the title (doi) of the articles (minimum 30 articles) (6h)
 - 02. Read abstracts and reduce from 30 to 10 articles (6h). **The papers will be provided by the teacher after you send your list of 10 articles.**
 - 03. Read each of the 10 papers and produce 1 paragraph/paper (approach, used method, dataset, obtained results) (3h*10articles=30h)
 - 04. Summarizing table with the 10 articles (6h)
 - 05. Report containing
 - Explain the methodology applied (all the steps and findings regarding various characteristics of the selected articles).
 - The 10 paragraphs, one for each paper.
 - Summarizing table.
- Task b) Pecha Kucha type Presentation
 - Time for the Recorded presentation - 5 minutes
 - Presentations will be played during the last seminar.
 - Peer review minimum 3 presentations during the last seminar.

**Research Topic: Any topic
from the domain of
Software Systems
Verification and Validation**

**The PDF Report SLR (see the template) + Recorded
5min Video**

**Must be submitted in Teams under the Assignment
Seminar06_SLR – one day before the seminar at
8:00 am**