SNE-projects 2015-2016

Coordinator:
Cees de Laat
With help of os3 team!
Goals

• To gain practical experience
• To work on real problems in a foreign context
• To (re)gain collaboration skills
• To practice public presentation skills
• To practice data analysis and presentation skills
• To practice defending your solution to a problem
• To practice report writing skills
• To have a good time
Format

• Students work in pairs
  – However in most cases students can also work alone.

• Two project months
  – 4 January – 29 January
    • presentations Tue afternoon + Wed 2 - 3 February
      – for us alone + feedback
  – 30 May – 24 June
    • presentations Wednesday – Thursday 29 - 30 July
      – in the auditorium with public
Per project month

- 4 weeks FULL TIME!
  - Week 1:
    - Familiarize
    - Make a concrete work proposal
  - Week 2-3
    - Do the work agreed on
  - Week 4
    - Write report
  - Week 5…
    - In case of RP2 June month also work/report
    - Presentation in Wednesday meeting
Subjects

- Organizations we have relationships with:
  - SURFnet
  - SARA
  - UvA - IvI - OS3 - SNE
  - HvA
  - SME’s
  - Others (inter)national (KPMG, UNINET, etc.)

- Orientation in October, November, April, May

- Check end of November and in December!
  
  Be prepared to defend choice!

- When choosing subjects take into account the master courses given before the project months.
Work proposal

- Latest at end of first week
- Should contain
  - Updated description of the problem
  - Research questions
  - Literature / model / theory
  - Research & Experiments to be done
  - Planning
  - Ethical issues section
- Can be basis for report later!
Report

- Should contain
  - Description of the problem
  - Research question
  - Literature / model / theory
  - Research done
  - Experiments or proof of concept done
  - Evaluation of experiments or proof of concept
  - Reflection on Literature / model / theory
  - Ethical issues section
  - Conclusions and suggestions for further research
web link

• Via web site:
  – rp.os3.nl
  – OR → rp.delaat.net
  – email: Cees de Laat delaat@uva.nl
  – OR-→ rp@os3.nl

• or
  – delaat.net/~delaat/sne-rp/index.html
  – cees@delaat.net

  (I could use a SNE master :-) )
Selection
- Preferably do not choose subjects that will be covered in subsequent courses.

working alone or in pairs
- Preference for pairs because:
  - students can help each other when one gets stuck in a problem...
  - investigate more solutions in parallel
  - learn to collaborate
  - contribution of each student must be clear in report and presentation
- However, doing an RP alone is also allowed
- At the presentations pairs get 30 minutes, singles get 20 minutes.

Feedback during RP
- During both RP1 as RP2 a group meeting on the third monday afternoon 15h00.
- Purpose is to exchange progress information and discuss potential or real encountered problems.

Fifth week
- Optionally week 5 of the RP in June is available to continue and finish research.
- Presentation will be on wednesday, report must be submitted by friday of the fifth week.

RP order
- A student must succesfully complete RP1 before starting RP2.
- RP1 and RP2 can be done arbitrarly in January or June.
- If failed for RP2, it is allowed to redo a RP2 at any time.

Evaluation
- Advice from the supervisor about the research done on location.
- Advice on presentation and report is welcome.
  - this information must be delivered by supervisor before end of fifth week.
- report and presentation are evaluated by the OS3 team.
- Marks for presentation are determined before end of fifth week.
- Evaluation and if needed corrections of report can take up to 6 weeks (pending holidays in july.
- If rest is positive there is an opportunity to correct the report.
  - average and the mark for report must be 6 or more and the other marks must be more than or equal 5.

Publication of results
- the marks will be posted on blackboard.

Colloquia
- We aim to schedule colloquia about research in computer science to give more context for the RP’s.

Communication
- All communication happens using email addresses from either OS3 or UVA.

Process can be found on the web page.
Process - 1

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Process - 2

Evaluation
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• Advise on presentation and report is welcome.
• this information must be delivered by supervisor before end of fifth week.
• report and presentation are evaluated by the OS3 team.
• Marks for presentation are determined before end of fifth week.
• Evaluation and if needed corrections of report can take up to 6 weeks (pending holidays in july.
• A student has passed if:
  • the grade is equal or higher than 6.0 and
  • none of the sub-grades is less than 4 and
  • the grade for report and research must be 6.0 or higher
  • the end grade averages resulting in 5.5 are always rounded to 6.0

Publication of results
• the marks will be mailed.

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Non Goals

• To be the default groups coffee maker
• To do trivial software installs
• To pull cables as main activity
• To sort out all software cd’s
• Etc. etc. etc.
Have fun!

Questions?