SNE-projects 2018-2019

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
Timeline

• Two project months
  – January
  – presentations first week February
    – for us alone
    – Feedback
    – B1.23
  – June
  – presentations First week July
    – in the auditorium with public
    – C0.110
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
  - SURFsara
  - UvA - IvI - OS3 - SNE
  - HvA, VU, etc.
  - SME’s
  - Others (inter)national (DELOITTE, 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 Friday 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

• Web site:
  – http://rp.os3.nl
  – http://rp.delaat.net

• eMail:
  – rp@os3.nl  ➔ Always!!!
  – delaat@uva.nl
  – If all else fails: cees@delaat.net
    (I could use a SNE master :-) )

• NOTE:
  • Always start subject line with rp# where # is the number of rp you have chosen!
  • Advantages: I can find email and do not have to search for rp number.
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 - 1

Selection
• Preferably do not choose subjects that will be covered in subsequent courses.

Working alone or in pairs
• Preference for pairs in rp1, alone in rp2 because (THIS WAS CHANGED AFTER PRESENTATION!)
  – 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
  – Rp2 preferably alone because individually accountable
• 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 successfully complete RP1 before starting RP2.
• RP1 and RP2 can be done arbitrarily in January or June.
• If RP2 failed and is the only course left over, it is allowed to redo a RP2 at any time.
Evaluation

• The grade depends on a weighted average of four sub-grades
  – 40% the research on the subject
  – 20% the report structure and layout
  – 20% the presentation
  – 20% the work at the location, the attitude, etc.
Process - 2

Evaluation
• Advise from the supervisor about the research done on location.
• 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.

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.
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?