SNE-projects 2020-2021

Coordinators:
Cees de Laat
With help of Francesco Regazzoni
And the 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 and interesting time
Timeline

• Two project months
  – January
  – presentations first week February
    – for us alone
    – Feedback
    – B1.23 or ...

– June
– presentations First week July
  – in the auditorium with public
  – C0.110 or H0.01 or ...
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 Mon-Tue-Wed meeting
Subjects

• Organizations we have relationships with:
  – SURFnet
  – SURFsara
  – UvA - lvl - 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 in a session!

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

- Latest at Friday EoB 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 / eMail

• 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
  – Always mail from your os3 or UvA mail account.
  – 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.
Students are responsible for checking if mail arrived at team or supervisor. All communication happens using email addresses from either OS3 or UVA. This is to avoid trigger happy Gmail sensitive spam filters.

Publication of results
The marks will be emailed to the students and reported to the ESC.

Feedback during RP
During both RP1 and RP2 a voluntary group meeting on the third Monday afternoon 16h00.

Fifth week
Purpose is to exchange progress information and discuss potential or real encountered problems.

RP order
A student has passed if:

- The RP is complete and submitted on time
- The report satisfies the feedback received during the group meeting
- The research, presentation and report grades are passable

If important request a confirmation and check if that does not come. E.G. you can not assume the supervisor or coordinator received the email because you did send it.

If disputes arise I decide
If you disagree →

- go to core team
If not resolved →

- go to examin ctee

FinePrint...

https://rp.delaat.net/process.html
Selection
• Preferably do not choose subjects that will be covered in subsequent courses.

Working alone or in pairs
• Preference for pairs
  – 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
  – Sheer numbers and availability of topics
  – However, alone is not ruled out

• At the presentations pairs get 25 minutes, singles may get 20 or 25 minutes.

Feedback during RP
• During both RP1 as RP2 a voluntarily group meeting on the third Monday afternoon 16h00.
• 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.
• Presentations scheduled in that week, report must be received by midnight Sunday

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?