

Welcome to Workshop for EDA 397

If you have not answered the survey yet, please do it now:

<https://www.surveymonkey.com/r/EDA397>

Workshop EDA 397

Agile Development Process

Teaching assistants:

Terese Besker

`besker@chalmers.se`

Magnus Ågren

`magnus.agren@chalmers.se`

**PhD students in the Software Engineering division at the
Department of Computer Science and Engineering.**

General information

- If you have any questions or comments send an e-mail to your workshop supervisor.
- We answer as quickly as we can.
- You can also visit our room 457 on the 4 th floor in house Jupiter.
- Tell us ALL your problems with the course, fellow students, etc. But do so as quickly as possible!
- Please find more information at the course homepage <https://github.com/oerich/EDA397>

Course representatives

- We would like to have 2 volunteers from Chalmers and 2 from GU
- Please mail Terese, if You are interested, otherwise we will randomly pick 4.
- 3 meetings

Groupings

All groups will be randomly generated. NO EXCEPTIONS!

To join a group, please enter your name and your email in survey:

<https://www.surveymonkey.com/r/EDA397>

The survey also contains information that is intended to study the entry level of the knowledge base in class, but will not be considered when creating the groups.

Assignment presentation

Assignment: to create an **Android** app, using a **agile** development approach

Agile Principles and Practices

Goal: Try them out in your project!

	Mandatory	Optional	Comment
Planning Game	1	0	Make the most out of it. Get the Priorities based on your effort estimation. Employ customer proxy
Small Releases	1	0	
Metaphor	0	1	Try it out! But we will not check whether it works.
Simple Design	1	0	
Test-First	1	0	But only where it makes sense. Have a good rationale!
Refactoring	1	0	
Pair Programming	0,5	0,5	Try it out. Don't necessarily do it all the time.
Collective Codeownership	0	0	Everybody should know about the code. Some parts more than others
Continuous Integration	1	0	
Sustainable Pace	1	0	But also not too slow!
Onsite Customer	0,5	0,5	Have a customer proxy
Coding standards	1	0	Decide on them and try to have tool support

Pair programming

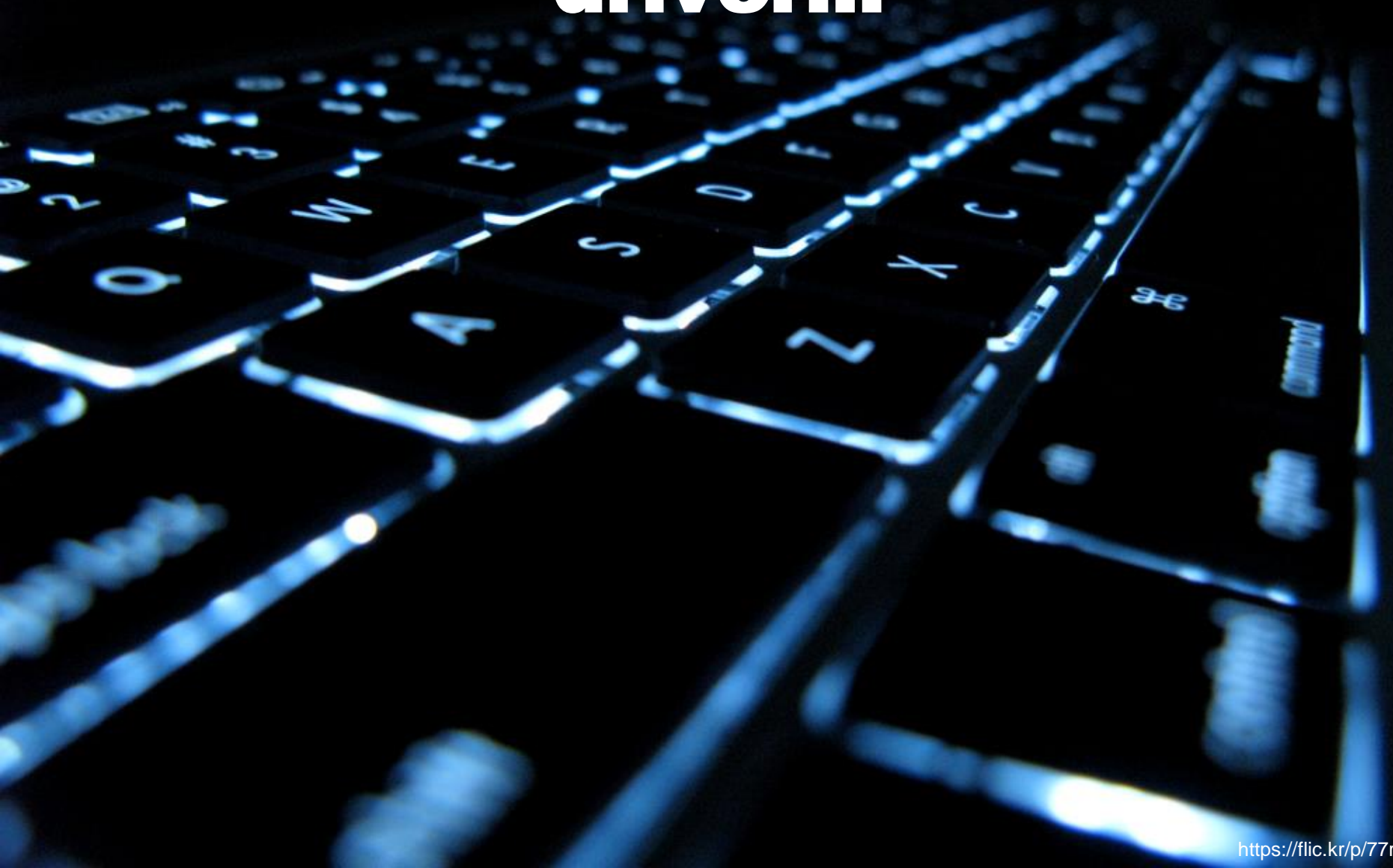
Navigator

Driver

Task



**We know the tools of the
driver...**



It is time to take
care of the
navigator...

1 of 12 STAGE 1 A T A 3 CASTLE SINGLE STAGE 163 KMS - SEPTEMBER '96 1 100 P 1
NOTES START 1.50 FROM DNT. MID 1. YELLOW WALL

130 ^{DC} 1L/Cbmp 1R ^{Up Mid} 100 2L

Handwritten notes: "Up Mid" above 100, "2L" above 2L, "1L/Cbmp" above 130, "1R" above 1R.

60 R ^{Mid} → Sm C → ! Sm Jmp +

Handwritten notes: "Mid" above Sm C, "!" above Sm Jmp, "Sm Jmp" above +.

TURN ^{Up Mid} SqL 2R Lg

Handwritten notes: "Up Mid" above SqL, "2R Lg" above 2R Lg.

^{Deceptive} ! 4L Lg > / Dip

Handwritten notes: "Deceptive" above ! 4L Lg, ">" above / Dip.

60 ^{DC} 3R/Cbmp

Handwritten notes: "DC" above 3R/Cbmp.

250 2L/Sm C + 5R 80

Handwritten notes: "2L/Sm C" above 250, "+ 5R" above 80.

NEXT 1km C 1L 150

Task: Pair Programming Pacenotes

Rally



http://en.wikipedia.org/wiki/File:Peugeot_206_WRC.jpg

Primary

Know road conditions
Know position of other teams

Secondary

Prepare for track
Measure/analyze performance

Pair Programming



<http://www.mit.edu/blog/matematias/pair-research-low-fi-tools-for-collaboration-in-teams>

Primary

Know state of master branch
Know position of other team-members

Secondary

Support planning game
Measure/analyze velocity

The project contra the process

Use the project as a test bed for practicing agile practices

Trello



Trello is the free, flexible, and visual way to organize anything with anyone.

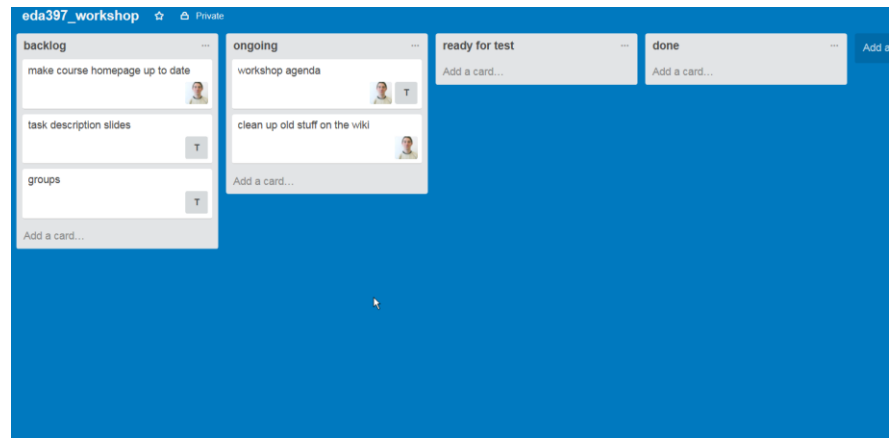
Trello is a web-based project management application

Create account at <https://trello.com/>

Board Name: EDA397_2016_GroupX

Invite *TereseBesker*, *ericknauss* and *magagr*

Start with Backlog, Ongoing, Ready for test and Done



Git and GitHub

Create account at <https://github.com/>

Project Name: EDA397_2016_GroupX

Invite *TereseBesker*, *Magagr* and *oerich* to your project



Other optional useful software

- Coding guidelines
- Other...

Please state any additional tools in your group wiki page

Technical Break

Pair up and brainstorm about possible features for the project.

Every Groups Wiki

Wiki page at <https://github.com/oerich/EDA397/wiki/GroupX>

- Up to 9 members per group,
- 9 groups
- In the wiki, each group enters:
 - Members names
 - Workshop supervisors:
 - Terese Besker for group 1-5
 - Magnus Ågren for group 6-9

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Other: ...

Group spokesperson (name and mail):

Write your supervisor an email, if you need email addresses of group members.

Group 1

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-1>

Members:

- Maximilian Kühl
 - Jesper Karlberg
 - Berima Andam
 - Pedram Shirinbolaghi
 - Jimmy Hedström
 - Aikaterini Sereti
 - Igor Vassilevski
-
- Workshop supervisor: Terese Besker
 - **Links to repos:**

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 2

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-2>

Members:

- Dominik Muth
 - Shahanas Cholayil Mayankutty
 - Thibault Krebs
 - Amrita Mukherjee
 - archana nayyar
 - Kim Egenvall
 - Shireen Yusur
-
- Workshop supervisor: Terese Besker

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 3

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-3>

Members:

- Wissam Al-Hindi
 - Hui Shen
 - Anton Rose Gregory
 - Sebastian Blomberg
 - Alexander Jaballah
 - Hanna Matérne
-
- Workshop supervisor: Terese Besker

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 4

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-4>

Members:

- Niklas Johansson Miglavs
- Niklas "guslarnih"
- Sofia Edström
- Aðalsteinn Axelsson
- Moses Msafiri
- Yacoub Sattar

Workshop supervisor: Terese Besker

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 5

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-5>

Members:

- Thórhildur Hafsteinsdóttir
- Omar Thor Omarsson
- Yazen Alabady
- Wissam Alfreijat
- Gökçe Uzer
- Wanzi Gu

Workshop supervisor: Terese Besker

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 6

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-6>

Members:

- Hongxia Zhu
- Jielin He
- Tibor Salagvárdi
- Fredrik Holmdahl
- Fredrik Nilsson
- Kyriakos Malamas

Workshop supervisor: Magnus Ågren

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 7

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-7>

Members:

- Johan Eriksson
- Anton Lundén
- Sinan abdulwahhab
- Einkemmer Dominik
- Jakob Csörgei Gustavsson
- Ritu Chakrapani
-
- Workshop supervisor: Magnus Ågren

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 8

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-8>

Members:

- michal musialik
 - Michael Tran
 - Vidar Åsberg
 - Peter Eliasson
 - Mustafa Hussein
 - Olliver Mattsson
 - Martin Calleberg
-
- Workshop supervisor: Magnus Ågren

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 9

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-9>

Members:

- Linus Hagvall
- Pálmi Þór Valgeirsson
- Isabelle
- Doni Ramadhan
- Danial Hosseini
- Saulius Eidukas
- Ívar Gautsson

Workshop supervisor: Magnus Ågren

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Group 10

Wiki page at <https://github.com/oerich/EDA397/wiki/Group-10>

Members:

Workshop supervisor: Magnus Ågren

Links to repos:

GitHub: <https://github.com/xxxxx>

Trello: <https://trello.com/b/xxxxx>

Group spokesperson:

Meet your group

Find the group you belong to and go to classrooms for setting up *environment*, *wiki pages* and decide whom to be the *spokesperson* for the group.

Available classrooms are:

- Group 1, 2, 3 meet in Jupiter 317
- Group 4, 5, 6 meet in Jupiter 321
- Group 7, 8, 9, 10 meet in Jupiter 322