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!

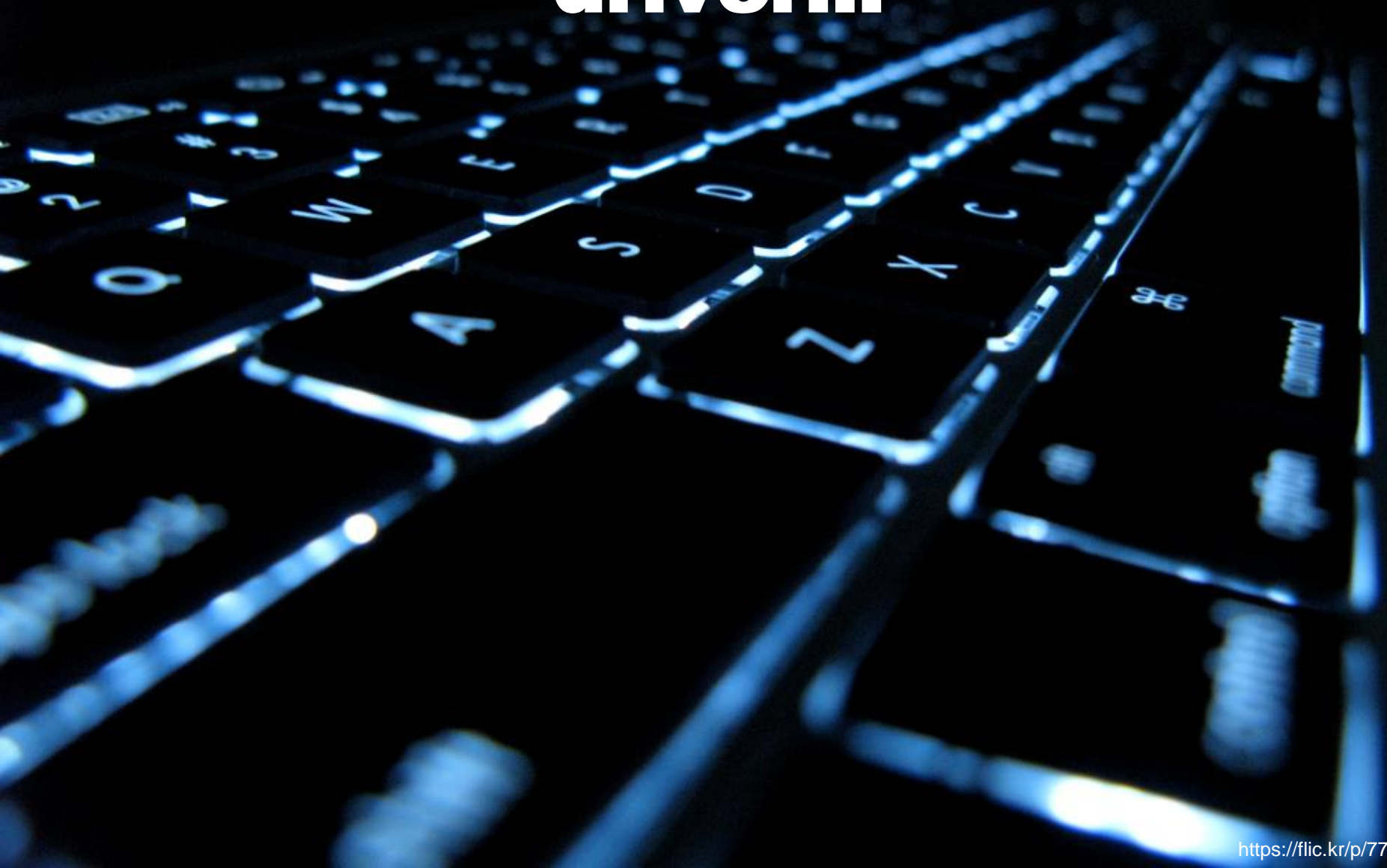|	Mandatory	Optional	Comment
Planning Game	1	0	Make the most out of it. Get the Priorities based on your effort estimation. Employ customer proxy
Small Releases	1	0	
Metaphor	0	1	Try it out! But we will not check whether it works.
Simple Design	1	0	
Test-First	1	0	But only where it makes sense. Have 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	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...

Task: Pair Programming Pacenotes

Rally

Pair Programming

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

http://slice.mit.edu/blog/natematias/p
ir-research-low-fi-tools-for-
collaboration-in-teams

Primary
Know road conditions
Know position of other
teams

Secondary
Prepare for track
Measure/analyze
performance

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.
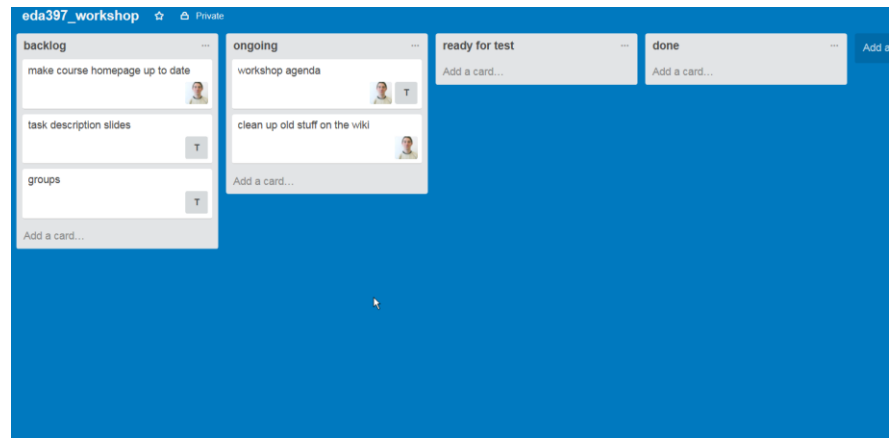
Trello is a web-based project management application

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,
- 10 groups

- In the wiki, each group enters:

  - Members names
  - Workshop supervisors:
    - Terese Besker for group 1-5
    - Magnus Ågren for group 6-10

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

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