
KID / DEL Introduction

KID DH2655

DEL DH2465

Björn Thuresson

thure@kth.se

Åke Walldius

aakew@kth.se

Henrik Blomgren

henrik.blomgren@indek.kth.se

Welcome!

- Two courses, mostly in parallel: KID & DEL
 - Co-operative IT-design (9 credits)
 - Computer Science, Business and Management (15 credits)
 - Course web pages on KTH Social
 - <http://www.kth.se/social/course/DH2655/>
 - <http://www.kth.se/social/course/DH2465/>
 - Remember to register!
 - Fill in the attendance sheet
 - Fill in the course pre-survey
-

What's it about?

- Theory and practice
 - RL cases – where it happens when it happens
 - Reflection and analysis
 - Cross-disciplinary teams
 - Project-based learning
 - Critical and constructive
-
-

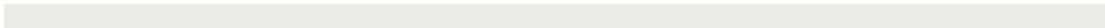
You are responsible for your own learning!



The more you contribute – the more you get back!



We're here to help you get there



What are you expected to do?

- Everyone does all of KID
 - DEL has more lectures and assignments (details later)
 - Active participation in assignments, seminars and – of course – the project work
 - Individual and joint responsibility to deliver on time and with high quality
-
-

What happens today?

- Background
 - Layout and schedule
 - Deliverables
 - Grading criteria
 - Domains and clients
 - Forming of groups
-

Background

- Two separate courses, started in the 90's
 - Aligned since 2011
 - Closer and closer to a merge
 - Constant evolution to be relevant
 - This year more focus on the projects
-
-

Overall layout

- During September
 - Pre-study of the project domains
 - Data collection and analysis
 - October – December
 - Project execution
 - December 16
 - Final presentation
-

Layout KID

- Orientation in ethnographic methods, with a focus on PD
 - Advanced – we expect you already have a lot of experience and want to share
 - Seminars rather than lectures
 - You collect the work material for the class (primarily)
 - Deep insights into which data collection methods are the most efficient for which types of design processes
-
-

Layout DEL

- All of KID, plus (making sure that you)
 - motivate why **methods match** complex CS problem
 - analyse from both **CS and industrial economics** perspective
 - argue on sound **theoretical grounds** (refs and cmnts)
 - solve the problem! (at least well delimited parts of it)
 - CS students align their studies to earlier courses “for depth”
 - Change management through visual strategizing
 - Kotter (1995) Leading Change - Why Transformation Efforts Fail (10 s)
 - Eppler & Platts (2009) Visual strategizing .. (29 s)
 - Walldius & Lantz (2013) Exploring the use of design pattern maps .. (11 s)
-

Schedule

□ 2 sep	Introduction	9-12	E36
□ 4 sep	Ethno	15-17	E32
□ 9 sep	Presentation and reflection	9-12	VIC
□ 11 sep	GL x 2 and DEL lecture	13-17	D41
□ 18 sep	Stakeholders etc	13-17	V01
□ 23 sep	Intro to project	9-12	E3
□ 24 sep	GL in DEL	9-11	VIC
□ 28 sep	Deliverables in both KID and DEL		

Schedule cont.

□ 30 sep	Project status update 1 and DEL assignment presentation
□ GLs	
□ 4 nov	Projects status update 2
□ GLs	
□ 13 nov	DEL update
□ 27 nov	DEL update
□ 9 dec	Project status update 3
□ 16 dec	Final presentation

Deliverable 1 for KID

- Due Sep 28 at 16.00
 - Group deliverable
 - Scientific report describing:
 - The domain
 - Stake holders
 - Organisational structures
 - Incitements and drivers
 - Restrictions and limitations
 - Approx. 3-5000 words, 10 pages
-
-

Deliverable 1 for DEL

- Due Sep 28 at 16.00
 - Group deliverable + *individual DEL reports*
 - Scientific report describing:
 - The domain – *CS and economic specificities*
 - Stake holders – *direct and indirect*
 - Organisational structures – *domain specificities*
 - Incitements and drivers – - “ -
 - Restrictions and limitations – - “ -
 - Approx. 5 pages with *individual reporting on 30 sept*
-

Final deliverable for KID/DEL

- Due Dec 16
- Final project report (approx 7-10 000 words, 20 pages + appendices)
- Web page presenting the project and the results
- Public presentation and demo

- More details on these later...

Portfolio

- ***The grades gets you the interview, the portfolio lands the job***
 - Document carefully what you have done and been *responsible* for
 - Describe the project and your contribution efficiently
 - Emphasize the abilities you have developed
 - Be detailed and concrete
-

Domains and clients

- We've organised with two actors from two very different domains: **retail** and **med tech**
 - The pre-studies (from Sep 2- sep 28) will be in these domains
 - The projects (from Sep 23) will also be in these domains and the actors will act as clients for that period
-
-

Grading criteria for KID

- Design process
 - Is it well presented? Well motivated? Fitting to the task? Etc
 - Usability
 - To what extent have you transformed the collected data (from different sources) into well motivated design choices?
 - Completeness
 - Are the internal goals of the project met? Are all mandatory steps included?
 - Research
 - Are both the methodology and the content of the project well researched? Is every claim supported?
 - Presentations
 - How well do you present the process and the results? The report is of course the most important, but it's almost equally important that the public presentations and the demos efficiently communicate the concepts and use.
-

Grading criteria for DEL

- Design process
 - Is it well presented? Well motivated? Fitting to the task? Etc
 - Usability
 - To what extent have you transformed the collected data (from different sources) into well motivated design choices? – **stakeholders, needs, effectiveness, efficiency, satisfaction, measures?**
 - Completeness
 - Are the internal goals of the project met? Are all mandatory steps included? – **validations?**
 - Research
 - Are both the methodology and the content of the project well researched? Is every claim supported? – **methods match problem, from both perspectives, and theory/literature referenced?**
 - Presentations
 - How well do you present the process and the results? The report is of course the most important, but it's almost equally important that the public presentations and the demos efficiently communicate the concepts and use – **exemplary change management through visual strategizing?**
-
-

Who are you?

- **Speed dating 1 – approx 15 min**
 - In mixed groups of 3-4 persons
 - *What are you really good at?*
 - *What do you want to improve on during the course?*
 - *Are you most interested in retail or med tech?*
-

Switch!

Who are you?

- **Speed dating 2 – approx 15 min**
 - In NEW mixed groups of 3-4 persons
 - *What are you really good at?*
 - *What do you want to improve on during the course?*
 - *Are you most interested in retail or med tech?*
-

Forming of groups

- 5 groups with 4-6 persons in each
 - 2 in retail and 3 in med tech
 - Write your name in block letters
 - Put in K (for KID) and D (for DEL)
-
-

Set up of group work

- Do an initial work organisation
 - Do a competence matrix
 - Brainstorm roles
 - Agree on work ethics, sanctions, etc
 - Set up the project management tools you'll use
-

Next time

- **Fri Sep 4, 15-17 in E32**
 - Rundown of ethno-inspired design methods
 - When to use which and why
 - Practical assignment to be presented on Sep 9

 - **Reading:** *Participatory Design: Issues and Concerns* (1998) by Kensing & Blomberg
 - What has been solved?
 - What hasn't?
 - What is now irrelevant?
 - Motivate and exemplify
-