

# NOTICE!

- These materials are prepared only for the students enrolled in the course Distributed Software Development (DSD) at the Department of Computer Science and Engineering, University of Mälardalen, Västerås, Sweden and at the Faculty of Electrical Engineering and Computing, University of Zagreb, Croatia (year 2010/2011).
- For all other purposes, authors' written permission is needed!
- The purpose of these materials is to help students in better understanding of lectures in DSD and not their replacement!

# Distributed Software Development



10/9/2011



MÄLARDALENS HÖGSKOLA

# Final Presentation Of Profile Analysis and Reconciliation Tool

Igor Rutkowski & Inderjeet Singh

# Outline

Project reminder

Requirements & Design

Project work summary

Project Experiences

Play time 😊

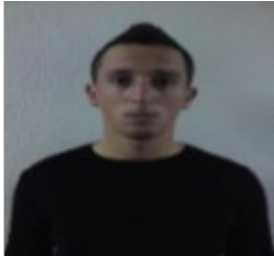
# Project Reminder



10/9/2011



# Project members



Croatian Team

Supervisor



Swedish team

# Objective

- Tool for Profile analysis
- Focus on simplifying this Tool
- Linking with FMS
- Expanding the scope

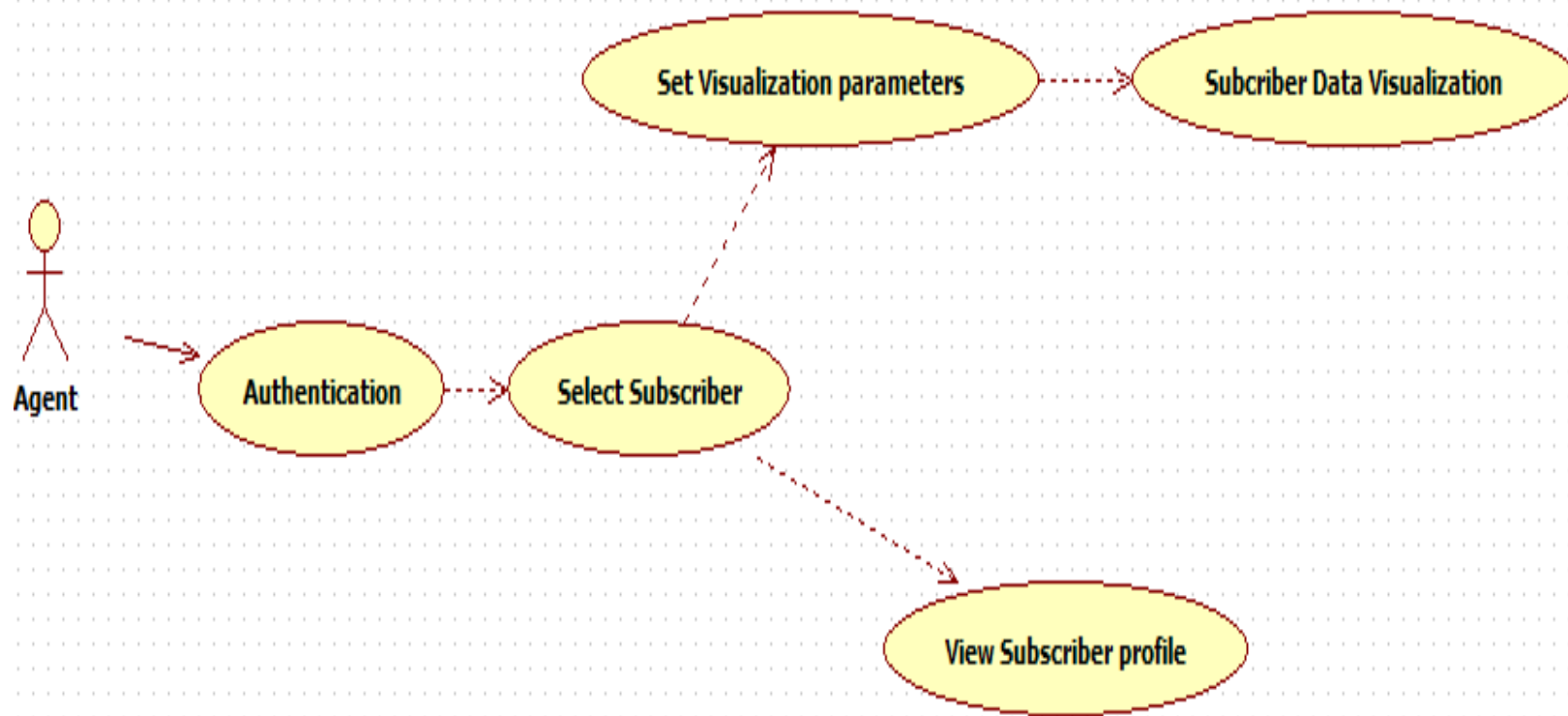
# Project reminder

- **Client – Server Architecture**
  - Compatibility with all browsers
  - Authentication required
- **Analysis of Call Details Records (CDR)**
  - Call type (voice, SMS, MMS, GPRS)
  - Usage type (for voice type: on-net, domestic or international call)
  - Measure type (number of calls, duration, rated amount)
- **Create and display profiles of subscribers with the use of CDR**



# Requirements & Design

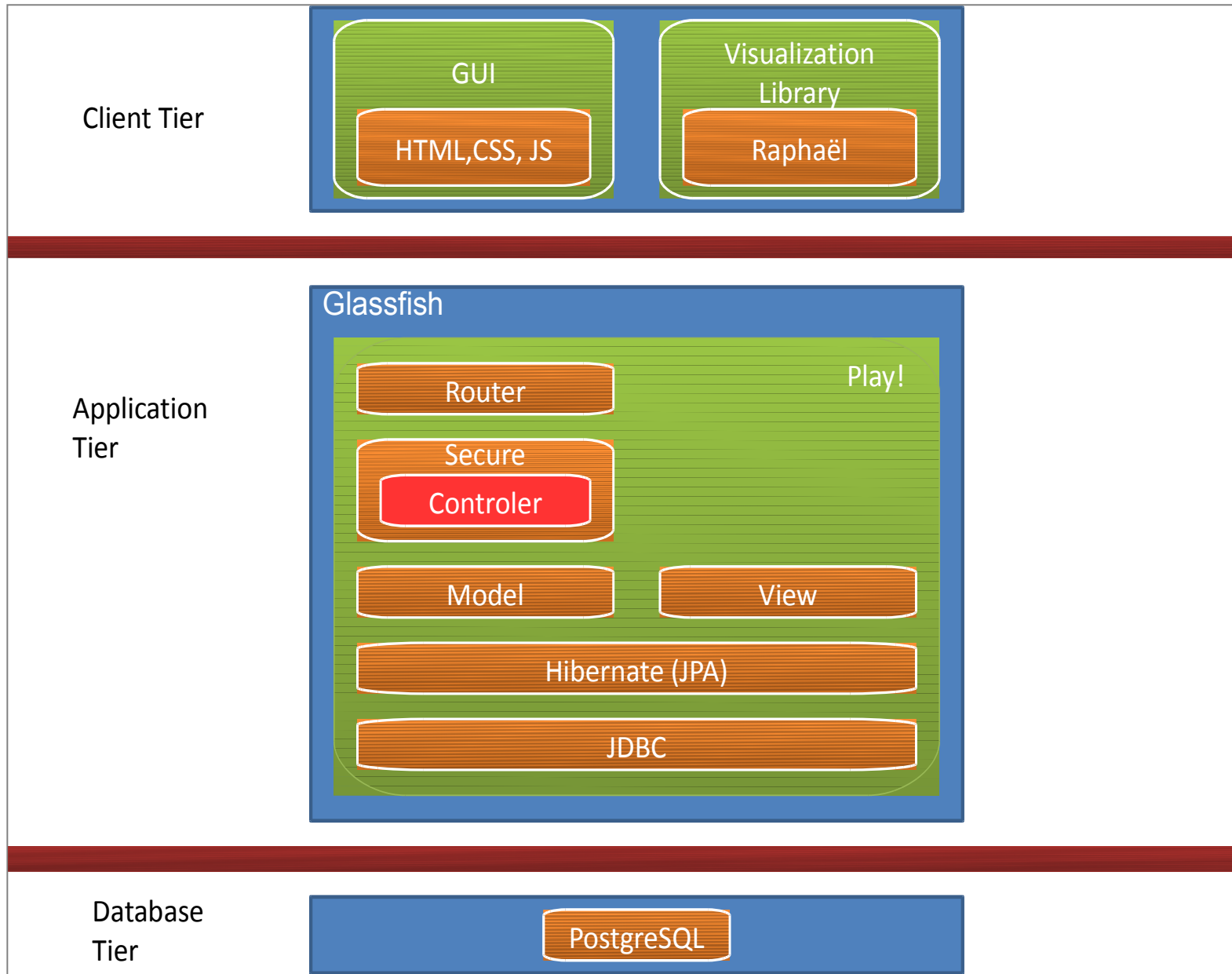
# Requirements (1)



# Requirements (2)

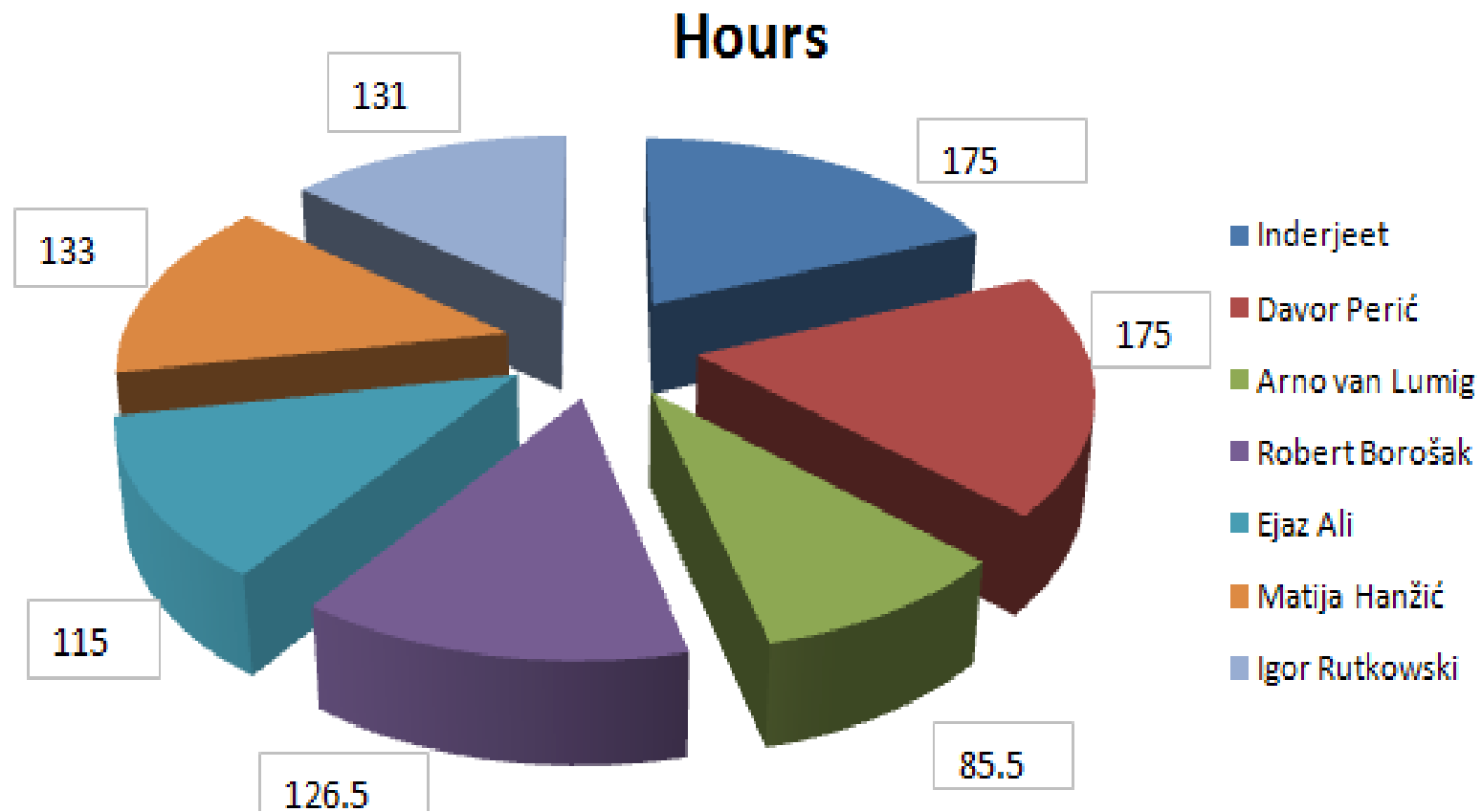
Total number of requirements	14
Number of requirements implemented	13
Requirements partially fulfilled	0
Requirements not fulfilled	0
Requirement dropped	1

# Design

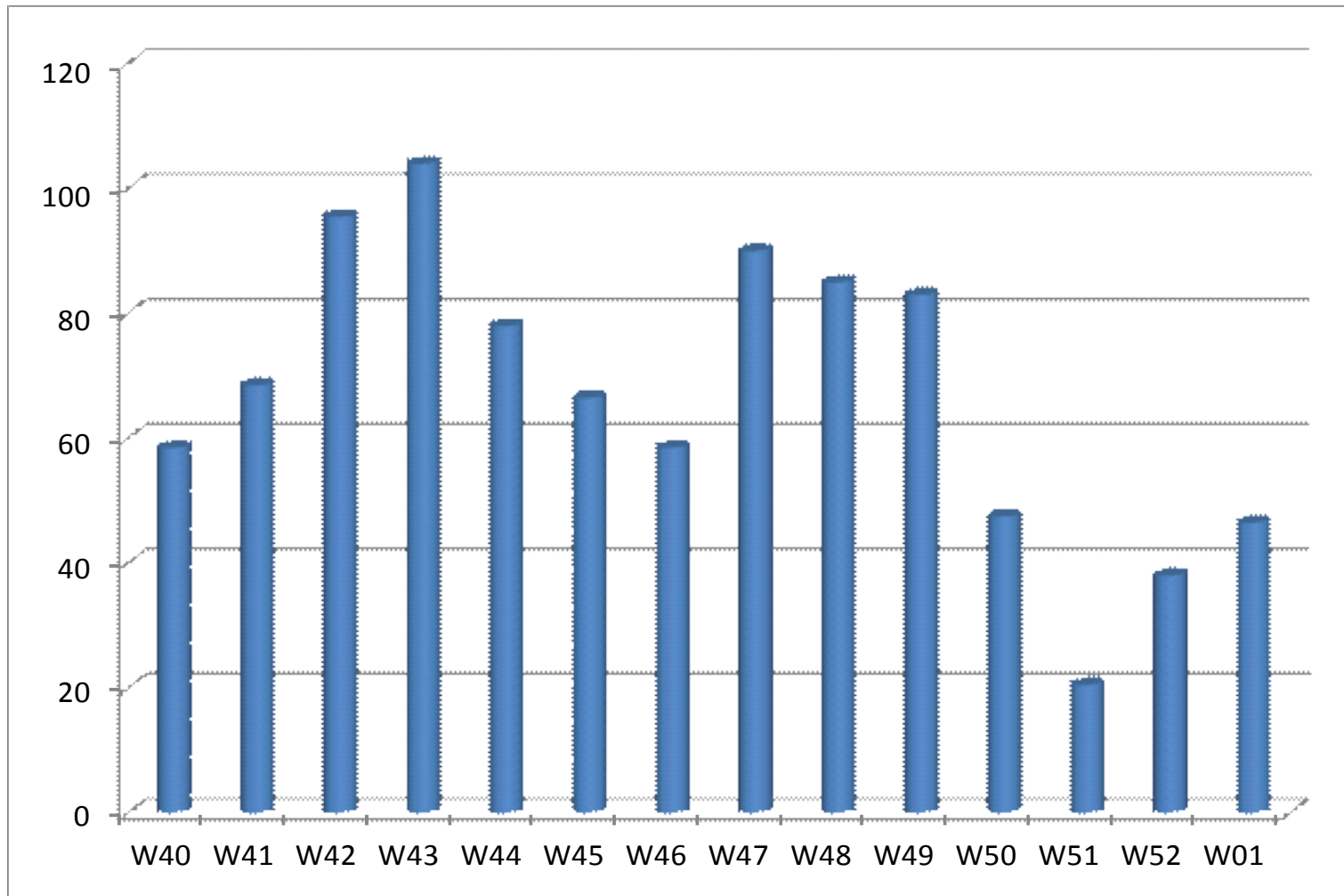


# Project work summary

# Workload



# Workload by week



# Milestones

Milestone Description	Finished week			
	Plan	Forecast		Actual
		Week	+/-	
Project vision	41	41		41
Project plan	42	42		42
Requirements definition	42	42		42
Project policies	42	42		42
Design description	43	43		45
Alpha version	47	47	1	47
Quality testing	48	48	1	48
Acceptance test plan	50	50		50
Beta version	1	1		1
Test report	2	2		2
Final project report	2	2		
Final product	2	2		



# Project statistics

- Meetings
  - Two per week
  - Reduced to one in final weeks
- SVN statistics
  - 389 commits
  - 932 file changes
- Offline discussion
  - 455 threads
  - Frequent Skype discussion (Life line)

# Project Experiences

# Project experiences(1)

- Positive

- Learned new technologies
- Importance of communication in distributed projects
- Improved team players
- Established new friendships
- Pressure handling
- Role of cultures in projects

# Project experiences(2)

- Negative
  - No major
- Planning
  - Mostly things went as planned
  - Crash of database
  - Minor team problem
- Work balance

# Play ! Time





