

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



Alpha Prototype Of Profile Analysis and Reconciliation Tool

Inderjeet Singh & Igor Rutkowski

Contents

- Project Status
- Workload
- Statistics
- Important event
- Project process
- Problems
- Good experiences
- Plan for next period
- Time for Play !



Project Status

General Project Status	Fulfillment of Next Milestone
on track	on track



- Project on Track
- Core functionality implemented
- We have enough time to finish

Continue...

Identity	Status	Priority	Description	Source	Status
User Interface					
UI-1	I	1	Show subscriber profile and information.	CTM	ND
UI-2	I	1	Show data visualization for two subscribers.	CTM	Done
UI-3	I	1	Enable defining of following parameters for subscriber data visualization in the parameter selection frame: <ul style="list-style-type: none"> • Call type • Usage type • Data display color • Measure type • Aggregation (SUM or AVG) • Start and end date • Visualization generate buttons • Adding and removing parameters 	CTM	Partially Done
Data Visualization					
DVIS-1	I	1	Show subscriber data defined by the user	CTM	Done
DVIS-2	I	1	Visualization dimensions: <ul style="list-style-type: none"> • Time of day (hours) • Day of week • Measure (number or duration of calls, rated amount, discounted amount) • Period (start and end dates) 	CTM	Done
DVIS-3	I	2	User interaction ability (i.e. when user moves a cursor over part of a graph a popup description window appears saying how many calls, sms, mms... are shown)	DEV	Partially Done
Non-functional requirements					
NFR-1	I	2	Safety and security of all user information.	SYS	
NFR-2	I	1	Usability and an intuitive User interface.	DEV	
NFR-3	I	3	System should be able to provide service at all time.	DEV	
NFR-4	I	2	System should be responsive.	DEV	
NFR-5	I	1	Web application should be compatible with all new browser versions.	CTM	Partially Done



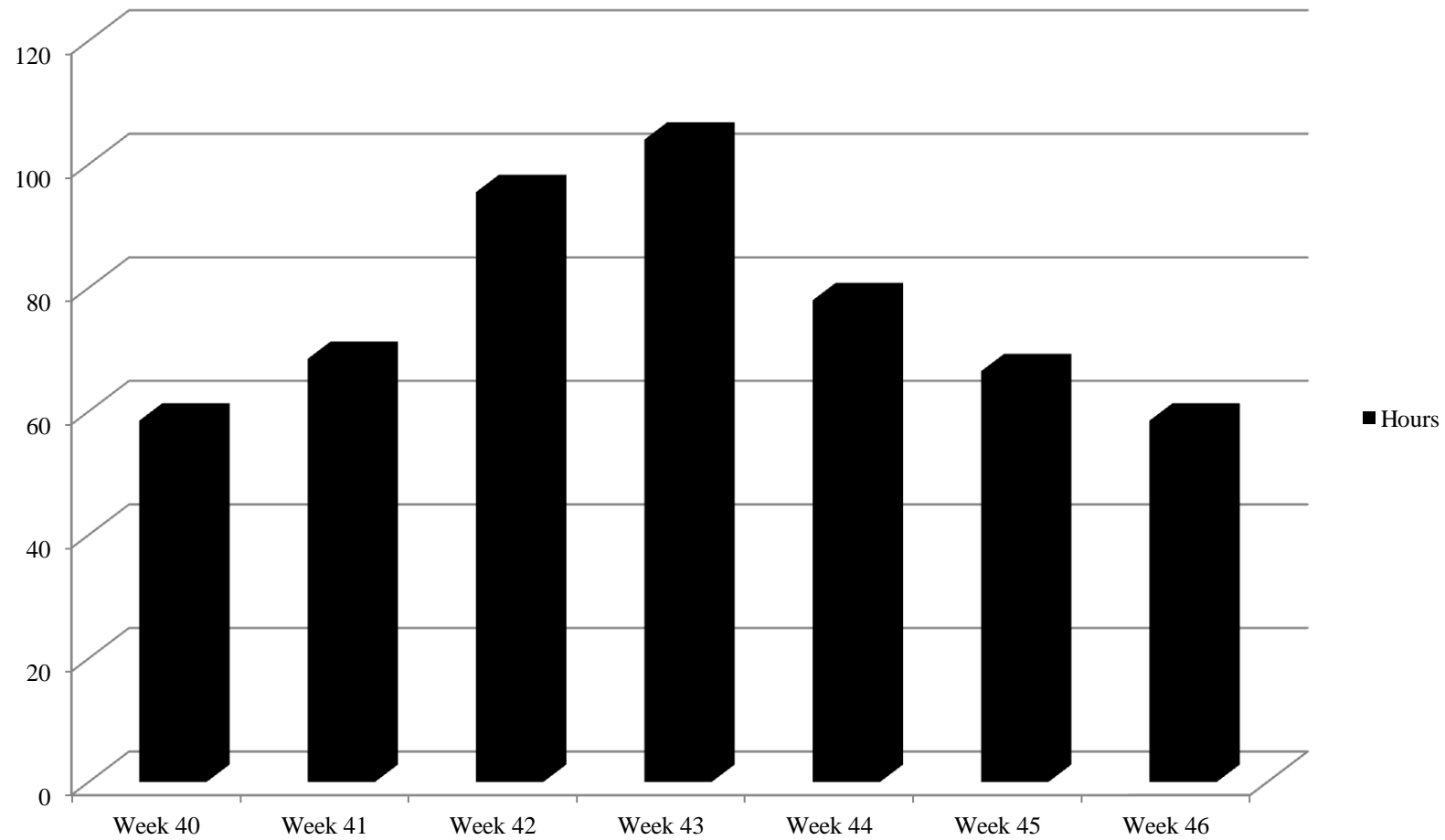
dreamstime.com

Workload

Name	W40	W41	W42	W43	W44	W45	W46	Total
Inderjeet	14	17.5	20	19.5	10	13	18	112
Davor	15	19	16	18	20	15	6	109
Arno	2.5	3	17.5	13.5	3	5.5	14	59
Robert	8	8.5	12	10	13	11	8	70.5
Ejaz	7	3	7	8	2	3	2	32
Matija	9	7.5	13	11	12	11	7.5	70.5
Igor	4	10	10	24	18	8	3	77
Total	58.5	68.5	95.5	104	78	66.5	58.5	530

Statistics

Hours



Other statistics

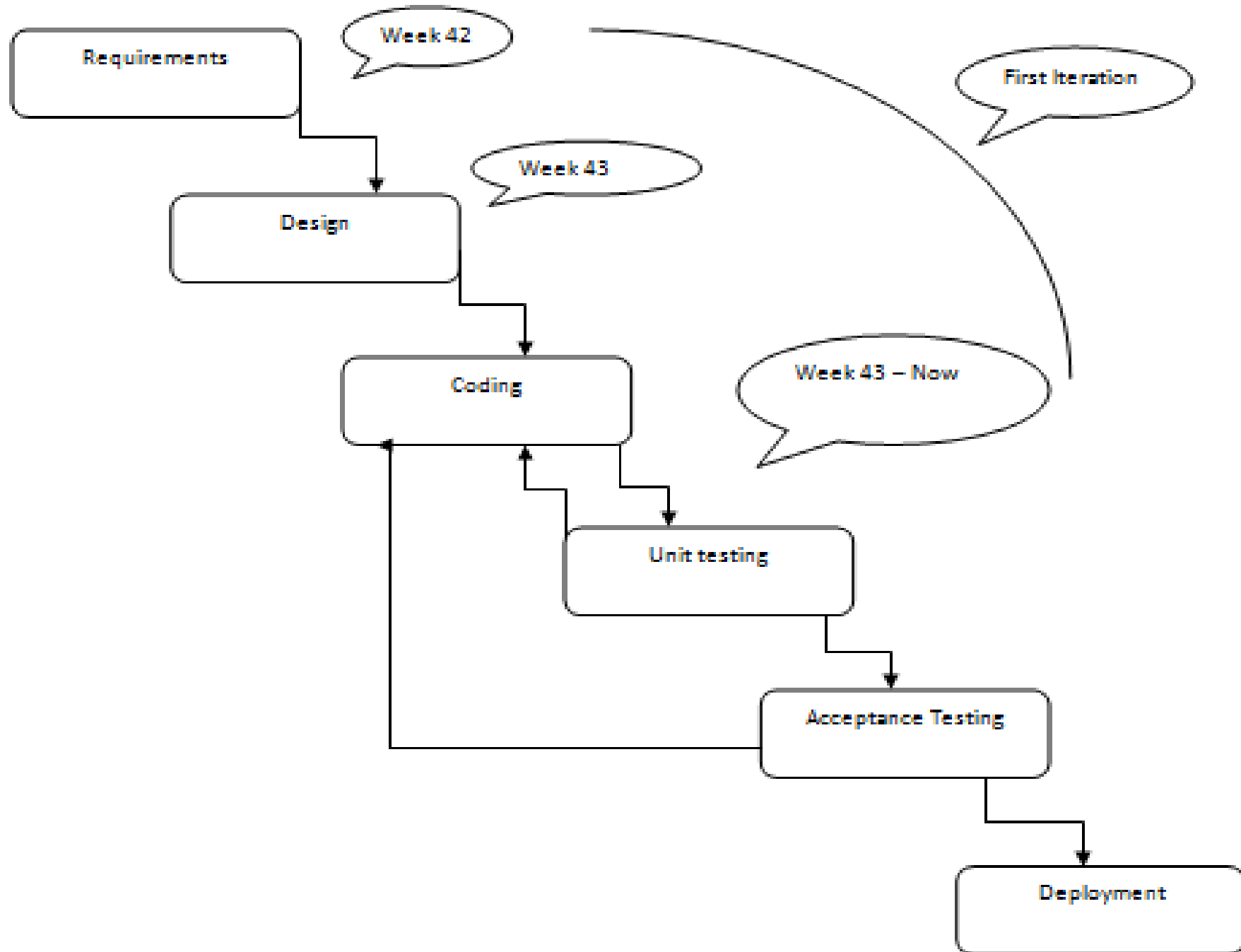
- Continuous two meeting per week (17+)
- Offline discussion very often (“300+” threads on Google group)
- One meeting with Supervisor
- Regular feedback on documents from customer



Important events

- Change in GUI
- Modification in design document
- Policies written
- Graphs created from data through database

Project process



Problem faced

- Database Crash
- Lack of commitment with one team member
- Exam week clash with critical week for Project (Croatian)
- Not enough time for project



Good experiences

- Learning new technologies
- Backed each other
- Distributed environment
- New cultures



Plan for next period

- In Implementation
 - Bug Fixing (bug tracker)
 - Error handling
 - Other features
- Acceptance Testing



Time for Play !

<http://161.53.67.210:9000/>





