

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



2010-11-16





EzFare β **Version**

An intelligent public transportation manager

Highlights

- Project Current state
- Important Event
- Process related info
- Experience
- Demo



General Project State

- Project on course
 - Deadlines for Project Milestone
- 60% of the Project work completed.
- Decision to adopt Formal Methods for the RC.

Team Participation

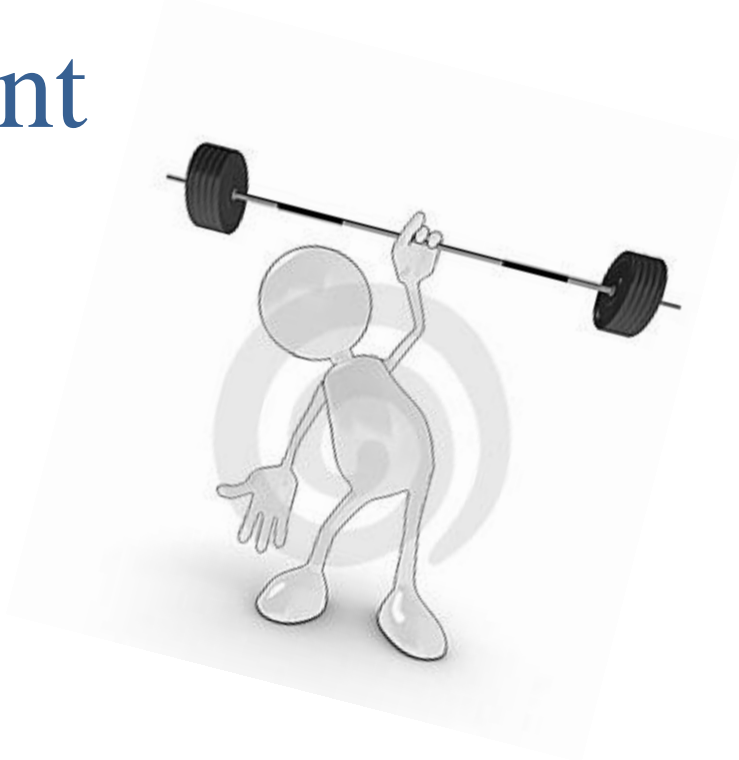
	W39	W40	W41	W42	W43	W44	W45	Total
Faiz Ul	14	24	13	26	20	18	27	142
Lidia	12.5	28	13	22	15	21	20	131.5
Shamsul	6	14	10	10	26	24	23	113
Vice	28	19	22	56	42	15	35	217
Mislav	10	13	16	34	20	9	21	123
Kaushik	14	16	15	15	29	15	24	128
	84.5	114	89	163	152	102	150	854.5

Technologies, tools, etc.



Achievement

- Mobile Application 2.0 Ready
- Vehicle Application 2.0 Ready
- Mainframe Application 2.0 Ready
- Domain Model 100% Mapped.



Overview of Problems

- FTP issues
- Integration issues
- NHibernate issues
- Testdriven.net ,AvhkSVN Installation Issues.



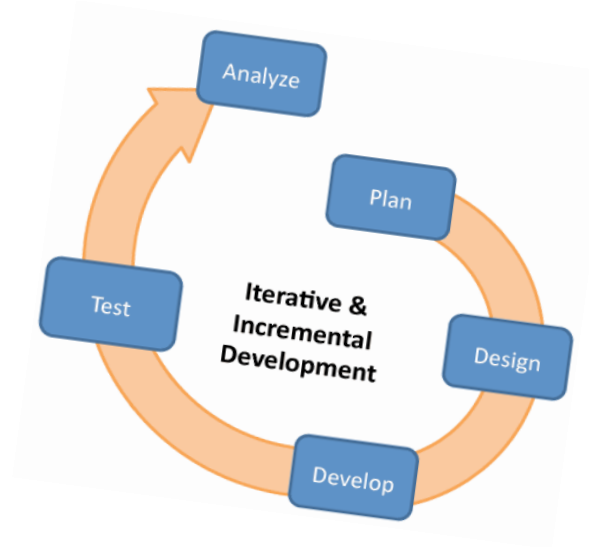
Important!!!

Event

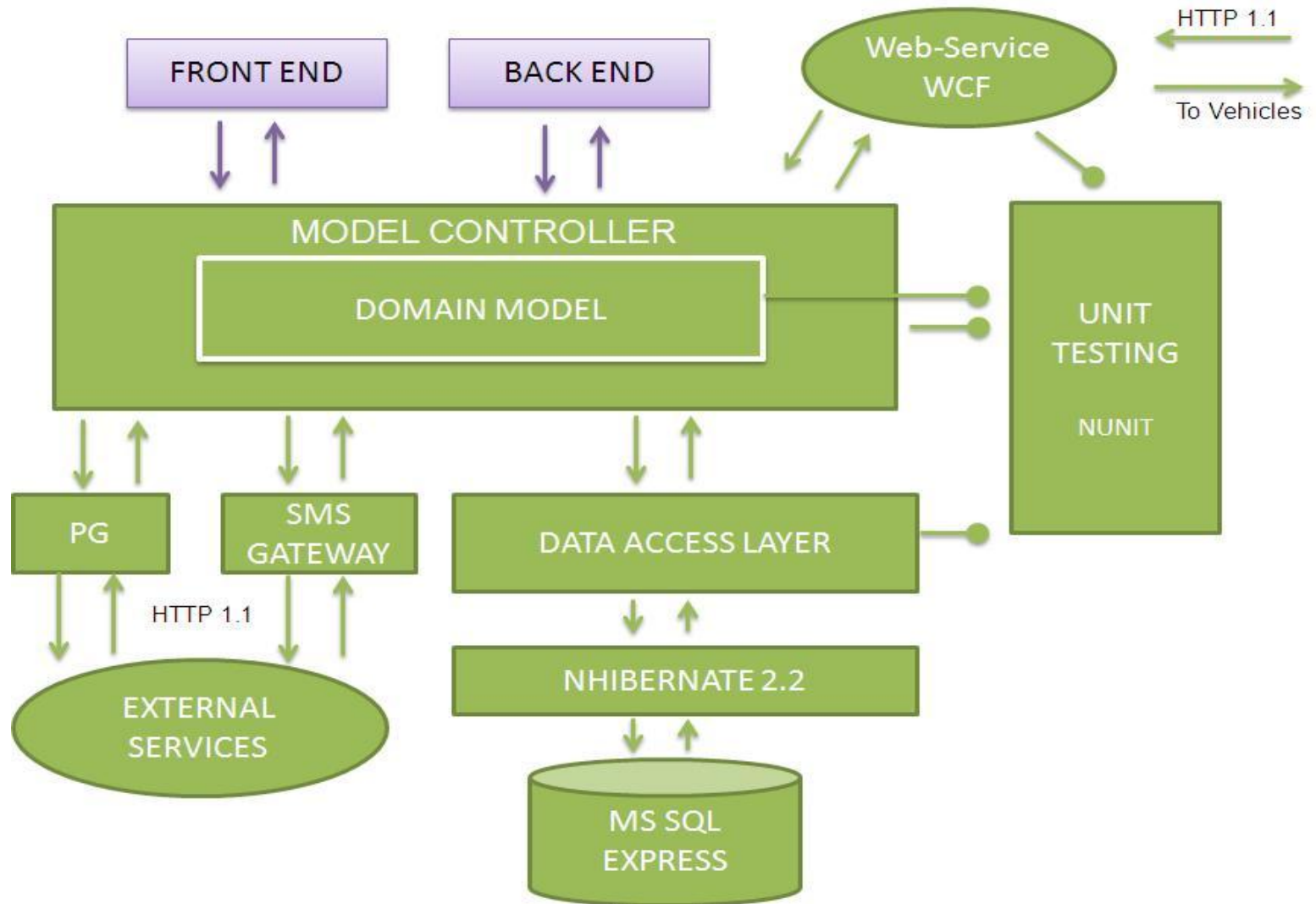
- Contacted the customer
- Formal method verification (Lidia)

Process related info

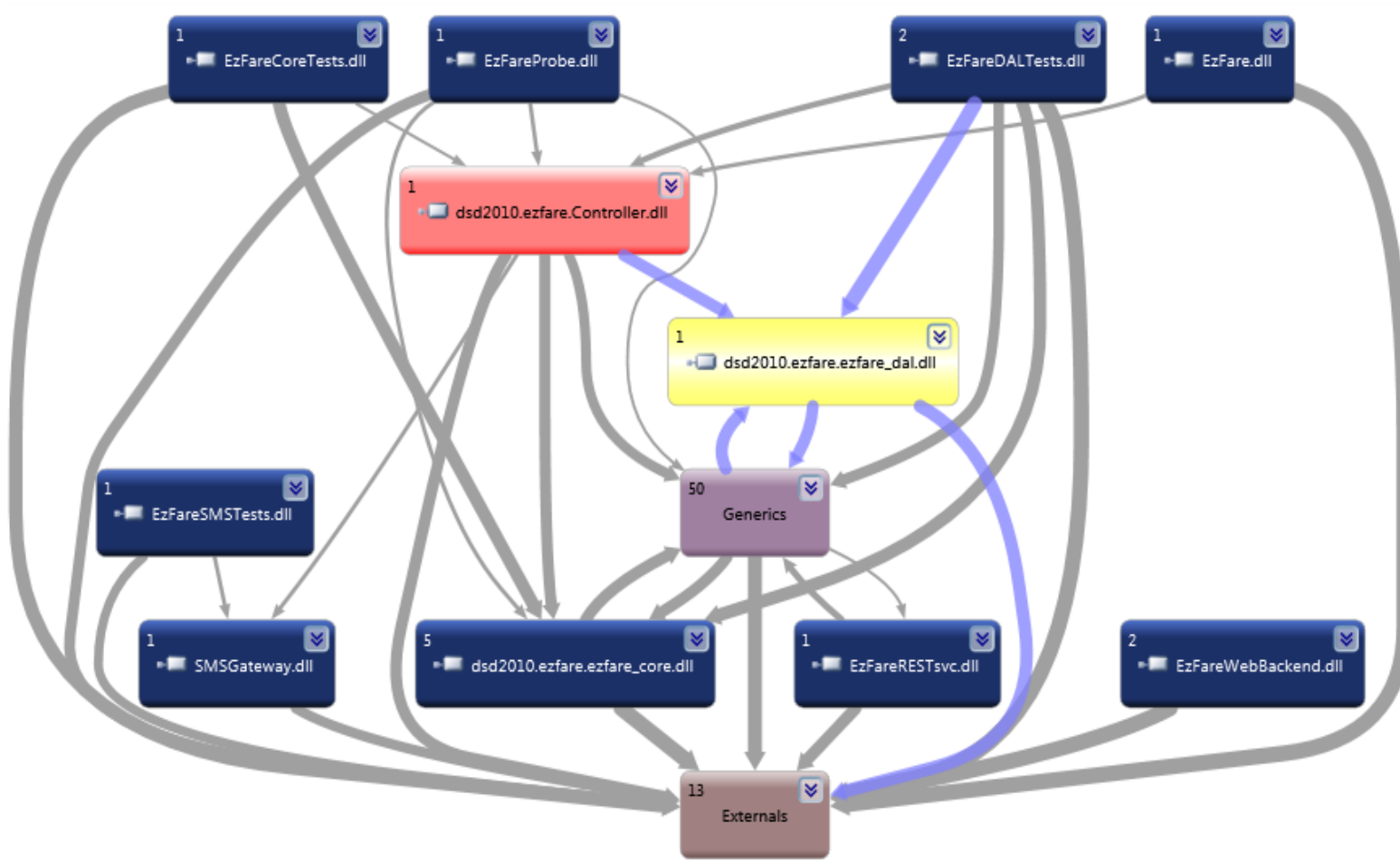
- One Iteration of ‘The Validation V’
- Third Iteration
- Version alpha integrated,
- Beta integration issues.



Architecture - 2.0 Upgraded



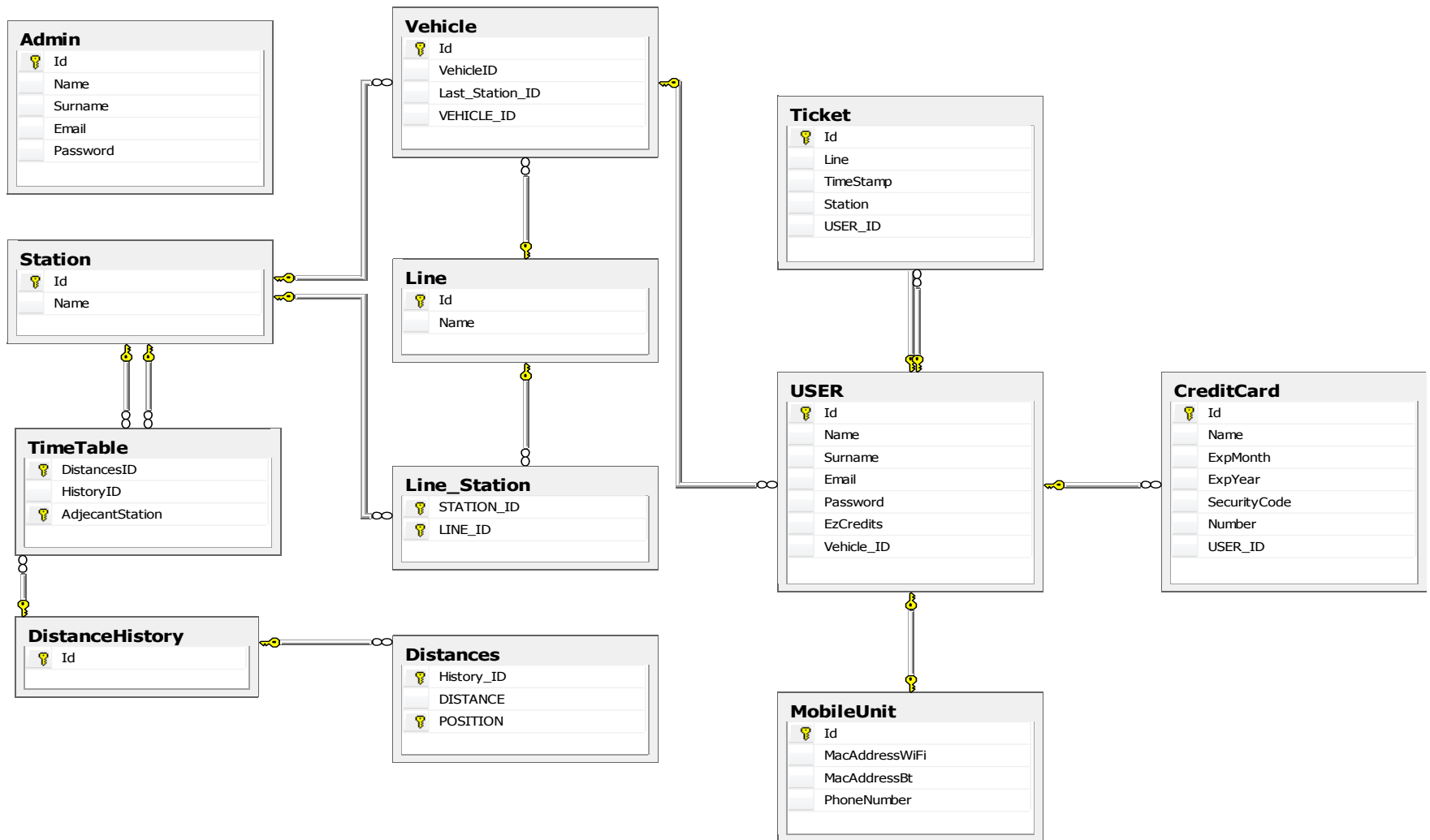
Assembly Dependencies



Legend

- Category 1
- Assembly
- Namespace
- Type
- Method
- Generics
- Externals

Generated ER diagram



Next Iteration(s)...

- Develop and implement additional use cases
- REFACTOR!!!!
- Simulation of the entire system
- User tests
- Improve the integration process
- Testing on a new server
- Formal method verification
- Improving GUI

Experience

- Positive:
 - A sense of team with team members
- Negative:
 - Bugs 😊
- Unanticipated Risk:
 - Database integration (Deployment)



Demo

