	Summary Week Report

Project	**Real-Time Bridge Monitoring**	Week	51
Responsible	Andrea Bottoli	**Date**	23.12.2013

Executive Summary

Timeliness

General Project Status	Fulfillment of Next Milestone
on track	on schedule

Results This Week

Activity Owner(s)	Activity	Work load	Fore cast	Result / Comment
All	Monday Meeting	1	2	Internal meeting to discuss problems, project status and questions for customers
All	Class Lecture	2	2	Class for the presentations of the beta prototypes
All	Week Report	1	1	Write the week report
Andrea Bottoli, Lorenzo Pagliari	Fix bugs	26	10	Fixed bugs in calculation controller, calculations, scheduler and job
Andrea Bottoli, Lorenzo Pagliari	Supervisors Meeting	1	2	Meeting with supervisors to gather some suggestions and to inform about the project and the group status
Andrea Bottoli, Lorenzo Pagliari	Customers Meeting	3	2	Meeting with customers to inform about the project status and to gather information about the acceptance of the features implemented until now
Andrea Bottoli, Lorenzo Pagliari	Beta Presentation Preparation	7	10	Preparation of the Beta Prototype presentation
Andrea Bottoli, Dzana Kujan	Managing Meeting	1	1	Managing meeting to improve the management of the group
Lorenzo Pagliari, Miraldi Fifo	Beta Prototype Presentation	1	1	Presentation of the Beta Prototype to DSD staff
Dzana Kujan, Nikola Radisavljevic	Web Application and Presentation layer		10	Work on the graphs and the design of the website, work with JSON, with jsp and with CSSs
Andrea Bottoli	Update tasks and meeting agendas	2	3	Updated tasks and issues on the repository; delivered meeting agendas before each meeting
Andrea Bottoli	Summary Week Report	2	2	Write the summary week report
Andrea Bottoli	Customer Meeting Summary	1	1	Summary of the meeting helded with the customers
Andrea Bottoli	Local Tests	3	3	Made some local tests to fill a local DB, the remote DB and to check the functionalities of the product
Andrea Bottoli	Apache License 2.0	1	1	Added the Apache License 2.0 to the product
Andrea Bottoli	Technical Document	2	3	Finalized the technical documentation
Lorenzo Pagliari	Path and Jobs	8	10	Work on the configuration path and flags for our product
Lorenzo Pagliari	DAO Modules	2	2	Work on DAO modules to improve the quality of the data access layer, needed to the mathematical part of our product
Lorenzo Pagliari	Beta Prototype	2	2	Work on the integration of the project for the beta prototype
Marko Brcic	Work on DAO	6	10	Work on M/N domain dao and controller, worst case data dao and controller
Marko Brcic	Manage VM	4	4	Manage the VM and added some web pages
Marko Brcic	Documentation	1	1	Work on some documents
Jorn Tillmanns	User Authentication System		12	Work on the user login system
Miraldi Fifo	Test Classes		15	Worked on the test classes for the math engine: pylon formulas class, weight formulas class and wind push formulas class
Nikola Radisavljevic	Minutes of Meeting		1	Write the minutes of meeting about the Monday and Thursday meetings

Activities Planned for Next Period

Activity Owner(s)	Activity	Work load	Result / Comment
All	Monday Meeting	2	Internal meeting to discuss problems, project status and questions for customers
All	Read and Comment Documents	10	Read and Comment Requirements and Design document to provide feedback
All	Week Report	1	Write the week report
Dzana Kujan, Nikola Radisavljevic, Miraldi Fifo, Andrea Bottoli, Lorenzo Pagliari	Modify Requirements Document	10	Improve the quality of the requirements document in order to finalize it
Andrea Bottoli, Lorenzo Pagliari, Marko Brcic, Jorn Tillmanns	Modify Design Document	10	Improve the quality of the design document in order to finalize it
Dzana Kujan, Nikola Radisavljevic, Andrea Bottoli	User Guide	10	Continue working on the user guide manual that explains to the user how to use our product
Lorenzo Pagliari, Marko Brcic, Jorn Tillmanns	Installation Guide	10	Continue working on the installation guide that explains to the user how to install our product both on Linux and Windows, and tells also what prerequisites are needed before the installation; it is needed to explain how to configure it
Dzana Kujan, Nikola Radisavljevic, Miraldi Fifo	Web Pages Design	5	Finalize the design of the web pages
Dzana Kujan, Nikola Radisavljevic, Jorn Tillmanns	Alarm Button	10	Put the Alarm button in the M-N domain page; add the modules to permit to send the alarm (pop-up/mail/etc)
Dzana Kujan, Nikola Radisavljevic, Jorn Tillmanns	M-N domain page	10	Add the M-N domain page
Dzana Kujan, Nikola Radisavljevic	Fix the pictures	5	Fix the dimensions of the picture and their "stretching" status
Dzana Kujan, Nikola Radisavljevic	Description of the project	5	Improve the description of the project on the web page including purposes, features, a link to the borgoforte bridge, a link to the AIPO site, etc
Dzana Kujan, Nikola Radisavljevic	Fix labels	5	Fix the labels in the current state & historical pages (also in the graphs) putting the right measure units (m asl, etc) and adding the water height label (which is water level – bed river height)
Dzana Kujan, Nikola Radisavljevic	Fix graphs	5	Fix the graphs deleting some decimals in the pop-up view (maximum 2 decimals)
Dzana Kujan, Nikola Radisavljevic	Last timestamp footer	5	Add the last timestamp from 10 min table in to the footer
Andrea Bottoli, Lorenzo Pagliari	Fix the bugs of the math engine and its controller	10	Fix the rest of the bugs in the mathematical stuffs
Andrea Bottoli	Information on FER site	5	Add more information, included a description of the project, on the FER site
Andrea Bottoli	Technical Documentation	5	Finalize the technical documentation
Andrea Bottoli	Final Status Report	5	Start working on the final status report
Andrea Bottoli	Summary Week Report	2	Write the summary week report
Lorenzo Pagliari	Stop Module	10	Add the module that stops all the calculations when the data are finished, to avoid to fill the DB with a lot of 0 values
Marko Brcic	Fix statistics page	10	Fix the information in the statistical page: try to add more statistics
Marko Brcic	All the sources on the site	10	Put all the sources (analog.txt, sonar.txt and pictures) in a unique folder called "Souces" in the VM
Marko Brcic	Manage VM	4	Continue to manage the VM
Marko Brcic	Manage Repository	4	Continue to manage the repository

Miraldi Fifo	JUnit Classes	10	Continue work on the classes for make tests using JUnit tool
Miraldi Fifo	Test Plan	2	Work on the test plan (internal deadline)
Miraldi Fifo	Test Report	2	Work on the test report
Miraldi Fifo	Acceptance Test	2	Work on the acceptance test
Jorn Tillmanns	User Authentication System	10	Finalize the authentication system
Jorn Tillmanns	Admin Page	10	Add the administrator page; add the module to add new users

Comments / Experiences / Problems

- VM little slow when the parser works; it takes a long for parse the files in input
- The DB is very huge: at this moment, we have more than 26'000'000 tuples in Raw_Data table
- Founded some bugs in the project; we are fixing them
- Sometimes the VM is down, so we cannot use the DB and we have to stop our work

Metrics

Milestones

| Id | Milestone Description | Responsible Dept./Initials | Finished week | | | | Metr | Rem |
| | | | Plan | Forecast | | Actual | | |
				Week	+/-			
M-001	Project Plan & Vision	All	42	42	0	43		
M-002	Requirements gathering	All	43	43	0	43		
M-003	Requirements document	All	43	44	1	43		
M-004	System Design	All	43	44	0	43		
M-005	Requirement Document	All	44	44	0	44		
M-006	Design Document	All	44	44	0	44		
M-007	Status Report	All	44	44	0	44		
M-008	Organize Repository	Marko Brcic	45	45	0	45		
M-009	Team Policies	Marko Brcic	45	45	0	45		
M-010	Share telephone number	All	45	45	0	45		
M-011	Modify Requirement Doc	Dzana Kujan	45	46	1	45		
M-012	Modify Design Doc	Lorenzo Pagliari	45	46	1	45		
M-013	Setup tools on PC	All	45	45	0	45		
M-014	Change DB	Jorn Tillmanns	45	45	0	45		
M-015	Implementation Parser	Jorn Tillmanns	45	45	0	45		
M-016	Implementation DAO	Jorn Tillmanns	45	45	0	45		
M-017	Start Implementation Math	Andrea Bottoli	45	46	1	45		
M-018	Test Parser	Miraldi Fifo	46	47	0	46		
M-019	Test Classes alpha prot.	Miraldi Fifo	46	47	0	46		
M-020	Alpha prototype	All	46	48	2	46		
M-021	Requirements Gathering	Andrea Bottoli	47	47	0	47		
M-022	Update Design Doc.	Andrea Bottoli	47	48	0	48		
M-023	Update Requirem. Doc.	Dzana Kujan	47	48	0	48		
M-024	Finalize Math Engine	Lorenzo Pagliari	48	49	1	48		
M-025	Web Design	Miraldi Fifo	48	49	1	48		
M-026	Status Report	All	49	49	0	48		
M-027	UserLoginSystem	Jorn Tillmanns	49	50	1	48		
M-028	Finalize Math Engine	Lorenzo Pagliari	49	50	0	49		
M-029	Junit tests v1	Miraldi Fifo	49	50	0	49		
M-030	Web Site Mockups	Nikola Radisavljevic	49	49	0	49		
M-031	Web Site Graphs	Dzana Kujan	49	50	0	49		
M-032	Beta Prototype	All	50	51	0	50		
M-033	Beta Prototype pres.	Lorenzo Pagliari	51	51	0	51		
M-034	Technical documentation	Andrea Bottoli	51	51	0	51		
M-035	Acceptance Test Plan	Miraldi Fifo	51	52	0	52		
M-036	Test Report	Miraldi Fifo	01	02	1	52		
M-037	Final Presentation	All	02	02	0	52		
M-038	Final Documentation	All	02	03	1	52		
M-039	Final Product	All	02	03	1	52		
M-040	Final Questionnaire	All	02	03	1	52		

Working Hours

Member	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	Total
Andrea Bottoli	11	40	50	45	47	68	40	41	14	53	356
Lorenzo Pagliari	10	37	53	51	46	57	37	51	43	54	385
Dzana Kujan	9	36	43	36	27	36	27	49	24	5	287
Marko Brcic	11	40	54	60	28	36	26	15	15	15	285
Jorn Tillmanns	9	37	51	43	20	13	39	16	15	4	243
Nikola Radisavljevic	9	37	45	36	26	35	26	46	25	4	285
Miraldi Fifo	9	38	45	35	16	28	14	18	18	5	221
Ghazaleh Shojaee	-	-	53	13	32	26	-	-	-	-	124
Total	68	265	394	319	242	299	209	236	154		2186