



Summary Week Report

Project	Real-Time Bridge Monitoring	Week	50
Responsible	Andrea Bottoli	Date	16.12.2013

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	Thursday Meeting	1	2	Internal meeting to discuss problems, project status and questions for customers
All	Week Report	1	1	Write the week report
Dzana Kujan, Nikola Radisavljevic	Web Application and Presentation layer	21	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	Final Documentation	0,5	1	First setup of the final documentation
Andrea Bottoli	Technical Document	3	3	Work on the technical documentation
Andrea Bottoli	Test on local VM	3,5	4	Made some tests on a local machine to try installations, configurations and some runs
Lorenzo Pagliari	Translation	6	2	Work on the translation of the last changes in Input and Conversions document
Lorenzo Pagliari	Math Engine and Calculation Controller	19	20	Work on the implementation of the math engine, for fixing some stuffs and finalize it; work on calculation controller to finalize it
Lorenzo Pagliari	Scheduler	13	10	Work on the scheduler to resolve some problems with the absolute path of the configuration file and of the sources
Lorenzo Pagliari	Beta Prototype	2	2	Work on the integration of the project for the beta prototype
Marko Brcic	Work on DAO	8	10	Work on M/N domain dao and controller, worst case data dao and controller
Marko Brcic	Manage VM	3	4	Manage the VM and added some web pages
Marko Brcic	Documentation	1	1	Work on some documents
Jorn Tillmanns	User Authentication System	12	12	Work on the user login system
Miraldi Fifo	Test Classes	15	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	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	Thursday Meeting	2	Internal meeting to discuss problems, project status and replies for customers
All	Read ad Comment Documents	10	Read and Comment Requirements and Design document to provide feedback to improve the quality of the documentation and to finalize them
All	Beta Prototype	10	Deliver the beta prototype
All	Class Lecture	3	Class lecture
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 fit more with the new architecture and technologies and requirements
Andrea Bottoli, Lorenzo Pagliari, Marko Brcic, Jorn Tillmanns	Modify Design Document	10	Improve the quality of the design document in order to fit more with the new architecture and technologies and requirements
Andrea Bottoli, Lorenzo Pagliari	Fix the bugs of the math engine and its controller	10	Finalize the implementation of the mathematical stuffs
Dzana Kujan, Nikola Radisavljevic, Miraldi Fifo	Web Pages Design	20	Finalize the design of the web pages
Dzana Kujan, Nikola Radisavljevic, Andrea Bottoli	User Guide	10	Start 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	Start 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
Lorenzo Pagliari, Miraldi Fifo	Beta Prototype presentation preparation	10	Prepare the presentation of the beta prototype
Lorenzo Pagliari, Miraldi Fifo	Beta Prototype Presentation	1	Held the presentation of the Beta Prototype for the DSD staff
Andrea Bottoli, Lorenzo Pagliari	Customer Meeting	2	Meet the customers to inform them about the project status and to make some acceptance tests on the product deployed until then
Andrea Bottoli	Meeting with supervisors	2	Meeting with supervisors to inform about the project and group status and to gather some suggestions
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
Marko Brcic	Manage VM	4	Continue to manage the VM
Marko Brcic	Manage Repository	4	Continue to manage the repository
Miraldi	JUnit Classes	20	Continue work on the classes for make tests using JUnit tool
Jorn Tillmanns	User Authentication System	10	Work on the implementation of the user authentication system

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 Week	+/- Actual		
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	1	51	
M-036	Test Report	Miraldi Fifo	01	02	1	51	
M-037	Final Presentation	All	02	02	0	51	
M-038	Final Documentation	All	02	03	1	51	
M-039	Final Product	All	02	03	1	51	
M-040	Final Questionnaire	All	02	03	1	51	

Working Hours

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