



Summary Week Report

Project	Travel n Study	Week	45
Responsible	Branimir Lochert	Date	12.11.2012.

Executive Summary

Timeliness

General Project Status	Fulfillment of Next Milestone
on track	on track

Results This Week

Activity Owner(s)	Activity	Work load	Fore cast	Result / Comment
KS, DR	Requirements and System Architecture presentation finalization	6	6	Requirements and System Architecture presentation was finalized and prepared for delivery
KS, DR	Requirements and System Architecture presentation delivery	1	1	Requirements and System Architecture presentation was presented to DSD staff
KS, MČ	Design description document	6	6	Making of the design description document
BL, DR	Project plan document revision	3	3	Revision of several chapters of the project plan document
BL	Project roles review	1	1	Review of project roles and adjustment of roles and responsibilities to better fit the next phase
BL	Design description document revision	2	2	Revision of the entire design description document
AS, DR, JH	Requirements definition document revision	2	2	Revision of the functional requirements, priorities and use cases
All	Week meeting	1	1	Held the scheduled Skype week meeting
AS, DR, JH	GUI Mockups	4	4	Designed initial GUI mockups for the application
AS	GUI definition document	8	8	Wrote the first version of the GUI definition document describing the user interface of our application
DR	Virtual machine setup finalization	2	2	Finalized setting up our virtual machine
All	Data sources implementation research	3	3	Implementation options of data sources were explored
MČ	Domain model class diagram	2	2	The domain model class diagram was made
MC, KS	ER diagram	2	2	The entity – relationship diagram was made
BL, MČ	Visual Studio template	4	4	The application Visual Studio template was worked on
MČ	Domain model C# classes	1	1	The domain model C# classes were delivered
JH	Data sources DS1 and DS2 report	4	4	A report for data sources DS1 and DS2 was made
All	Week report	1	1	A week report for week 44 was made by all the team

				members
BL	Summary week report	2	2	A summary week report for week 44 was made
All	Meeting with supervisor	1	1	A Skype meeting with the supervisor was held
All	Implementation work startup	1	1	Implementation phase has started
All	Getting to know the developing environment	2	2	Time was spent in getting to know and learning the basics of the developing environment
DR	Google visualization API research	3	3	Researched specifics about the Google visualization API

Activities Planned for Next Period

Activity Owner(s)	Activity	Work load	Result / Comment
BL	Score abstract	3	Make the score abstract and register for the competition
All	Week meeting	2	Hold the weekly Skype meeting
All	Week report	1	Make the week report for week 45
BL	Summary week report	2	Make the summary week report for week 45
All	Start work on alpha prototype	1	Start implementation work for alpha prototype milestones
AS, DR, JH	Create the entry point for the application	4	Create GUI modules for the entry point of the application
AS, DR, JH	Create the module for browsing universities by location	8	Create GUI modules for enabling browsing of universities by continent / region / state / country
AS, DR, JH	Create a view selected university information page	6	Create GUI modules for viewing selected university information
BL, KS, MC	Update the domain model	2	Update the classes of the domain model
BL, KS, MC	Create the exception classes	2	Create the exception classes of the domain model
BL, KS, MC	Create the fluent nHibernate mapping classes	4	Create the classes for mapping relations to objects inside the domain model
BL, KS, MC	Create the fluent nHibernate database configuration	2	Create the classes for configuring the database schema and providing the ISession handler
BL, KS, MC	Create the ORM Data Access Layer	2	Create the generic ORM Data Access Layer for querying the database
BL, KS, MC	CRUD Unit Testing	6	Create a test project for unit testing the ORM Data Access Layer
BL, KS, MC	Populating geographic tables	6	Populating country / region / continent tables in the database
BL, KS, MC	Create server modules for getting a list of top universities	10	Creation of parsers for getting lists of top universities by continent / region / state / country
BL, KS, MC	Create server modules for getting the university information	8	Creation of parsers for fetching selected university information

Comments / Experiences / Problems

- A problem with the data sources still persists. In order to have any significance at the SCORE competition, the use of data sources with exposed endpoints (APIs) needs to be dominant. We are still having problems finding sources like that which cover our domain.

Metrics

Milestones

Id	Milestone Description	Responsible Dept./Initials	Finished week				Metr	Rem
			Plan	Forecast		Actual		
				Week	+/-			
M-003	Requirements Engineering	KS	44	45	1	45	-1	
M-004	System Design	DR	45	45	0	45	0	
M-005	Application Domain Model	MČ	45	45	0	45	0	
M-006	Interfacing/parsing data sources	JH	46	47	1			
M-007	Dynamic loading framework	BL	46	46	0			

Working Hours

Member	W43	W44	W45	Total
Branimir Lochert	26	26	22	
Alessandro Sisto	29	20	36	
Katarina Sekula	20	27	20	
Daniele Rogora	19	22	24	
Milan Čop	19	21	20	
Javier Hualpa	20	17	22	
Total	133	133	144	410