



# Summary Week Report

<b>Project</b>	<b>Travel n Study</b>	<b>Week</b>	47
<b>Responsible</b>	Branimir Lochert	<b>Date</b>	26.11.2012.

## Executive Summary

### Timeliness

General Project Status	Fulfillment of Next Milestone
on track	slightly behind schedule

## Results This Week

Activity Owner(s)	Activity	Work load	Fore cast	Result / Comment
All	Week meeting	1	1	Held the scheduled Skype week meeting
All	Week report	1	1	A week report was made by all the team members
BL	Summary week report	2	2	A summary week report was made
BL	Score application	2	3	An application abstract was made to be submitted to SCORE
AS, DR	General GUI design	6	6	A general GUI design was made including HTML and CSS templates
DR	Explore map page	12	12	A explore map page for browsing universities was made
AS	Home page	5	5	A home page (entry point) for the application was made
BL, KS, MČ	Freebase research	6	6	Researching implementation options for the Freebase data source
MČ, KS	University information modules	10	10	Developing modules for gathering information about universities from 4icu.org and Freebase data sources
MČ	City information modules	8	8	Developing modules for gathering information about cities from Freebase data source
AS	City and university information pages	5	5	Created the static structure and design for the university and city information pages
JH	Client – Server interfacing	6	6	Defining the client server interface and implementing it
BL	Frame working	14	8	Refactoring the code, modularizing, interfacing
BL, MČ	Server unit testing	2	2	Writing unit tests for the server side features
BL, MČ, KS	Domain model updates	2	2	Updating the domain module and the database
DR, JH	GUI testing	2	2	Testing the UI features
JH	GUI modules adaptation	4	4	Adapting the GUI modules to the ASP.NET framework
KS	Alpha prototype presentation	3	3	Making the basic draft for the alpha prototype presentation

## Activities Planned for Next Period

Activity Owner(s)	Activity	Work load	Result / Comment
All	Week meeting	2	Hold the weekly Skype meeting
All	Week report	1	Make the week report
BL	Summary week report	2	Make the summary week report
All	Finalize the alpha prototype	1	Finalize the Alpha prototype features
All	Test the alpha prototype	4	Test all of the features of the alpha prototype
AS, DR, JH	Complete the university information page	8	Finalize the page for browsing information related to a selected university
AS, DR, JH	Complete the city information page	8	Finalize the page for browsing information related to a selected university city
DR	Improve the explore map page	6	Fix some of the problems, and enhance features
AS, DR, JH	Suggestion page	8	Start work on the suggestion client logic and the suggestion page
BL, KS, MC	Suggestion logic	10	Start work on the suggestion logic for the server side
MČ, KS	Finalize the alpha prototype presentation	8	Finalize the presentation and prepare it for delivery
MC	Deliver the alpha prototype presentation	1	Present the alpha prototype milestone status of the project to DSD staff
AS	Requirements document revision	4	Revise the requirements document according to new information
All	Start beta prototype work	1	Start implementing the features of the beta prototype
BL, MČ, KS	Log in and registration system	4	Develop the modules to enable user registration and login
AS, JH, DR	Log in and registration client modules	4	Develop the registration form and log in dialog GUI modules
AS, JH, DR	Google maps API research	6	Research the Google maps API in order to be able to use it in our application
BL, KS, MČ	Mendeley data source research	8	Research the Mendeley data source for publications info
BL, KS, MC	Additional data sources research	4	Find data sources for some of the missing information we need

## Comments / Experiences / Problems

- Using data from external open data sources introduced performance issues in the application (mostly because of the time spent loading web pages, REST request/responses). These issues will need to be addressed with better asynchronous communication between the client and the server.
- Credibility of data – using data from external data sources which are publicly open to all and are edited by the community introduces the problem of the data not being valid or credible.
- Tight schedule – extremely tight schedule involving exams, thesis work and other courses makes it hard to focus and spend enough time working on the alpha prototype features.
- There were some problems with client server integration. Work was modularized between the client and the server side and even though we thought both sides knew what the client side needs from the server side, once it came to integration differences in opinions were shown quite clearly. Luckily enough this was all done in time for the differences to be resolved.
- The need to work with some new technologies (Google APIs, Visual Studio environment) introduced some problems to some team members.

## Metrics

### Milestones

Id	Milestone Description	Responsible Dept./Initials	Finished week				Metr	Rem
			Plan	Forecast		Actual		
				Week	+/-			
M-006	Interfacing/parsing data sources	JH	46	47	1	47	+1	
M-007	Dynamic loading framework	BL	46	46	0	46	0	
M-008	Server – client interface	JH	47	47	0	47	0	
M-009	GUI modules #1	AS	48	48	0			
M-010	Database definition	MČ	48	48	0	46	-2	
M-011	Data Access Layer	BL	48	48	0	46	-2	
M-012	Log in / registration system	KS	48	48	0			

### Working Hours

Member	W43	W44	W45	W46	W47	Total
Branimir Lochert	26	26	22	27	29	
Alessandro Sisto	29	20	36	14	25	
Katarina Sekula	20	27	20	22	31	
Daniele Rogora	19	22	24	19	29	
Milan Čop	19	21	20	16	26	
Javier Hualpa	20	17	22	18	15	
<b>Total</b>	133	133	144	116	155	681