

Project Details

Project	OLT Visual Business Analytics (VBA) Project OLT Number: ID12-2407 <i>Enhancing collaborative learning in information systems business analytics using data visualisation and manipulation techniques</i>
Description	This project aims to develop a visual business analytics collaboratory - a web-based facility open to community learners; where 3D visualisation and immersive interfaces would allow intuitive learning of analysing large sets of data to assist business decision-making. The collaboratory will take advantage of students' general knowledge, their preference for experimentation and sharing of personal experiences with their peers.
Project Period	January 2013 – January 2015
Project Manager	Judy Munro, email: judy.munro@deakin.edu.au, ph: (03) 522 72475

Status Overview

Reporting Period			
Start	November 2013	End	November 2013
Description	Writing up outcomes of T2 pilot. Writing papers. Planning Project Conference 1. University Sydney; developing prototype collaboratory for students, designing learning designs., analysing reported case studies		
Overall Project Status	Project progressing well – Phase 2 in progress.		
Project website	www.deakin.edu.au/buslaw/information-business-analytics/vba (internal Deakin) www.visanalytics.org (external Deakin) www.playanalytics.org (external Deakin)		
Key Attribute Status			
Actual Progress	G	Target Delivery	G
Project Milestones	G	Project Budget	G
Project Issues & Risks	G	Scope Changes	G

Status Key

NS

Not yet scheduled to commence

G
Green

All progressing well and on schedule or complete

A
Amber

Issues with delivery and risk of slippage. Improvement required.

R
Red

Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Team Members					
Deakin					
Associate Professor Jacob Cybulski Associate Head of School (Research) School of Information Systems Faculty of Business and Law Project Co-Leader	JC	Professor Dineli Mather Head of School School of Information Systems Faculty of Business and Law	DM	Dr Susan Keller Lecturer School of Information Systems Faculty of Business and Law	SK
Dr Dilal Saundage Lecturer in Business Statistics School of Information Systems Faculty of Business and Law	DS	Dr Lasitha Dharmasena Lecturer in Business Statistics School of Information Systems Faculty of Business and Law	LD	Dr Sumith Matharage Associate Lecturer School of Information Systems Faculty of Business and Law	SM
Judy Munro Project Manager School of Information Systems Faculty of Business and Law	JM	Online/ Game Developer (Konrad Cybulski)	KC	Industry Based Learning students (Alex Calladine), (Jaymee Owens)	AC JO
University of Sydney					
Dr Olivera Marjanovic Associate Professor Business Information Systems Project Co-Leader	OM	Paul Domoney – BI/BA Developer	PD	Nadia Anwar – Research Assistant	NA

Status Key

NS Not yet scheduled to commence



All progressing well and on schedule or complete



Issues with delivery and risk of slippage. Improvement required.



Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Milestones – In Scope

Key Milestone	Responsible Party	Duration		Comments	Status
		Start	Finish		
Phase 1 – Preparation and initial capacity building		Jan 2013	Jun 2013		
Resources	JC, OM	Jan 13	Jan 13		
Appoint Research Project Manager - Deakin	JC	Apr 13	Apr 13	Judy Munro has been appointed	Complete
Appoint Research Associate - Deakin	JC	Mar 13	Mar 13	Sumith Matharage has been appointed	Complete
Appoint online-game developer - Deakin	JC	May 13	Jun 13	A casual resource has been appointed	Complete
Appoint Research Associate-Sydney	OM	Sep 13	Sep 13	A casual resource has been appointed	Complete
Appoint BA/BI developer - Sydney	OM	Sep 13	Sep 13	A casual resource has been appointed	Complete
Literature review/Papers					
Conduct literature review – BA theory and prior work Write paper	JC, DS, SK, SM, OM	Jan 13	May 13	Paper has been accepted into “Computers in Human Behaviour” special issue Digital Creativity	Complete
Metaphors and narratives – write paper	JC, SK, OM	Apr 13	Feb 14	In progress, due for completion Feb 2014	G
Bloom’s Taxonomy paper	OM, SK	Aug 13	2014	In progress	G
Reference Group					
Establish a reference group and its terms of reference	JC, OM, JM	May 13	May 13	Terms of Reference has been developed. First communication with group members has been sent	Complete

Status Key

NS Not yet scheduled to commence

G
Green All progressing well and on schedule or complete

A
Amber Issues with delivery and risk of slippage. Improvement required.

R
Red Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Milestones – In Scope

Key Milestone	Responsible Party	Duration		Comments	Status
		Start	Finish		
Evaluation					
Identify curriculum areas, teachers and student groups (specific topics, exercises, datasets, s/w to use in T2)	DS, OM	May 13	May 13	Pilot for use in T2 has been identified and documented	Complete
Identify methods of evaluation (focus groups, surveys?)	Team	May 13	May 13	Evaluation methods for T2 pilot have been identified and documented	Complete
Obtain ethics approval - Deakin	JC	May 13	May 13	Ethics approval has been obtained	Complete
Obtain ethics approval - Sydney	OM			It has been determined that an ethics application will not be required for Uni Sydney at this point	Not req
Research and development strategies					
Identify tools and instruments, methods and strategies to support our teaching and learning	Team	May 13	May 13	Documented	Complete
Identify tools and instruments, methods and strategies to support research and development	Team	Jun 13	Jun 13	Documented	Complete
Olivera visit to Melbourne	Team	Jul 13	Jul 13	Olivera had a very successful visit from July 9 to July 12.	Complete

Status Key

NS Not yet scheduled to commence

G
Green All progressing well and on schedule or complete

A
Amber Issues with delivery and risk of slippage. Improvement required.

R
Red Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Milestones – In Scope

Key Milestone	Responsible Party	Duration		Comments	Status
		Start	Finish		
Phase 2 – Capacity building: Development, pilot and community practice					NS
T2 Pilot - Deakin					
Screen designs	JC, DS, LD, SM, SK, OM	Jun 13	Aug 13	Screen designs for Week 6 and Week 7 tutorials complete	Complete
Screen development and testing	SM, GD	Early Jun	Mid Aug 13	Developing and testing of Week 6 and 7 tutorial complete.	Complete
Rewrite tutorials	DS, LD	Early Jul	Early Jul 13	Week 6 and 7 tutorial complete	Complete
Write quizzes	DS, LD	Mid Aug	Mid Aug 13	Week 6 and 7 tutorial complete. A total of 394 quiz surveys were received.	Complete
Write narrative and plot quiz questions against Bloom	SK, OM	Early Sep	Mid Sep 13	Data entry of quiz responses complete. Analysis complete. Paper of outcomes in draft form	G
University of Sydney	OM	Aug 13	Dec 13		
Teacher collaboratory	OM	Aug 13	Dec 13	The design and development of a teacher collaboratory in wikispaces is in progress. 7 learning designs have been developed and put in.	G
Learning designs	OM	Aug 13	Dec 13	A number of learning designs and activities for students is in progress	G
VA case study analysis	OM	Aug 1`3	Dec 13	The analysis of reported case studies by SAS, identifying issues, decisions, challenges and outcomes is in progress. The capture of VA practitioner experiences is also in progress	G
Literature review	OM	Aug 13	Dec 13	A literature review of boundary objects in teaching is in progress	G

Status Key

NS Not yet scheduled to commence

G
Green All progressing well and on schedule or complete

A
Amber Issues with delivery and risk of slippage. Improvement required.

R
Red Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Milestones – In Scope

Key Milestone	Responsible Party	Duration		Comments	Status
		Start	Finish		
Project websites					
Establish internal Deakin project website	JM	Apr 13	May 13	Website up www.deakin.edu.au/buslaw/information-business-analytics/vba	Complete
Establish external website	JC/JM	Apr 13	Jun 13	Website up: www.visanalytics.org . Will continue to be developed throughout the life of the project www.playanalytics.org is being setup for the music store game	Ongoing
Collaboratory					
Develop the collaboratory on-line space	JC,DS,JM	Apr 13	Jun 13	Preliminary discussion have taken place as to the requirements. To be progressed in Year 2	G
Develop the technology / software infrastructure for the collaboratory	Team, Ref Grp	Sep 13	Dec 13	A server has been commissioned and funded by eSolutions centrally. Windows operating system and SAS VA product has been installed. Databases have been linked to the server	G
Acquire and develop cases, data and tool resources for the collaboratory	Team, Ref Grp	Sep 13	Dec 13	T2 Pilot now completed. Outcomes will now inform development of the collaboratory	G
Project Conference 1					
Project conference 1	JC,OM,JM	Dec 2, 13	Dec 3, 13	To be convened Dec 2 & 3 and the Deakin City Centre. Program has been developed. 3 out of 5 Reference Group members to attend	G

Status Key

NS Not yet scheduled to commence

G
Green All progressing well and on schedule or complete

A
Amber Issues with delivery and risk of slippage. Improvement required.

R
Red Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Milestones – In Scope

Key Milestone	Responsible Party	Duration		Comments	Status
		Start	Finish		
Phase 3 – Application and improvement: Data collection, analysis, refinement and publication					NS
T1 2014, Music shop					
Develop playanalytics music shop	AC, JO	Nov 13	Feb 14	Development of the Music Shop, to be used I T1 2014 is in progress	Complete
Develop natural interfaces for Visual Analytics	AC, JO	Nov 13	Feb 14	Development of natural interfaces for visual analytics, touch and motion tracking, are in progress	G
Phase 4 – Deployment, reporting and application in the community of practice					NS

Status Key

NS Not yet scheduled to commence

G
Green All progressing well and on schedule or complete

A
Amber Issues with delivery and risk of slippage. Improvement required.

R
Red Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Milestones – In Scope

Key Milestone	Responsible Party	Duration		Comments	Status
		Start	Finish		
OLT Reporting					
6 monthly Progress Report 1	JM/JC/OM		Jul 21, 13	Progress report submitted to the OLT by the due date. OLT requested additional detail which has been provided. Awaiting final approval.	G
Year / Stage 1 Report	JM/JC/OM		Jan 21, 14	In progress, first draft due Dec 20, 2013	G
6 monthly Progress Report 2	JM/JC/OM		Jul 21, 14		NS
Final Report					
Final Report Part 1	JM/Team		Jan 21, 15		NS
Final report Part 2	JM/Team		Jan 21, 15		NS
Guide to the Collaboratory	JM/Team		Jan 21, 15		NS
Final Report Certification	JM		Jan 21, 15		NS
Financial Acquittal	JM		Mar 23, 15		NS

Status Key

NS

Not yet scheduled to commence

G
Green

All progressing well and on schedule or complete

A
Amber

Issues with delivery and risk of slippage. Improvement required.

R
Red

Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Project Financials

The OLT has provided funding for two years across the life of the project:

Project Expenditure Against YR1 Budget – as at end of Nov 2013 (91.66% of budget year)					
Item	YR1 Budget	Expenditure this Month	Expenditure to Date	% of Budget	Comments
OLT Funded					
Project staff salaries	68,262	18,099.55	58,700.18	85.99	PM/Res Associate costs, IBL students
Project support	4,030	0	3,264.24	81.00	
Project activities	8,406	516.28	3,524.39	41.93	Colour printing
Institutional levy	8,302	453.94	4,430.66	53.37	Google store, book
OLT Totals	89,000	19,069.77	69,919.47	78.56	
In-Kind					
Project staff salaries	94,500	7,857.00	86,427.00	91.46	
In-Kind Totals	94,500	7,857.00	86,427.00	91.46	
TOTAL PROJECT TOTALS	183,500	26,926.77	156,346.47	85.20	

Assumptions: Staff in regard to in-kind funding work their budgeted/nominated times each month.

Summary of Project Expenditure To Date Against YR1, YR2 Budget	YR1 Budget	YR1 Exp. to Date	% used in YR1	YR2 Budget	YR2 Exp. to Date	% used in YR2	Total Budget	Total Exp. to Date	% used overall
OLT Grant	89,000	69,919.47	78.56	131,000			220,000	69,919.47	31.78
In-kind	94,500	86,427.00	91.46	94,500			189,000	86,427.00	45.73
Project Total	183,500	156,346.47	85.20	225,500			409,000	156,346.47	38.23

Status Key

NS

Not yet scheduled to commence

G
Green

All progressing well and on schedule or complete

A
Amber

Issues with delivery and risk of slippage. Improvement required.

R
Red

Confirmed slippage or finish date at risk of slippage. Immediate rectification required.

Issues

Description	Impact	Actions	Scheduled Date	Status New / Resolved
Generally, over the life of the project thus far, the project budget has been underspent	Project funding may not be spent for Year 1 as expected. Will need to report reasons to OLT in Year 1 report due Jan 21, 2014. Minimal risk of not being granted second instalment payment.	Once the T2 pilot is completed, it is anticipated that funding will be spent on resources to assist with data collection, processing and analysis.	Sep - Dec	Resolved with "catch up" spending and two Industry-based-learning students being funded to work for 12 weeks over the summer.

Risks

Description	Impact	Actions	Scheduled Date	Status New / Resolved
Nil to report				

Scope Changes

Change Description	Impact			Outcome	Status New / Resolved
	Budget	Resources	Timeframes		
Nil to report					