



Module Management System

A stylized, handwritten logo for the Module Management System (MMS). The letters 'M', 'M', and 'S' are written in a cursive, gold-colored font. The first 'M' is tall and narrow, the second 'M' is shorter and wider, and the 'S' is a large, flowing loop.

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the problem space



- 18 Schools and 23 ways of doing things
- large gaps between
 - central and local (School level) data management
 - administrators and academics
 - cultures: academic policies and central information systems
- wide range of modules
 - structure
 - lectures, labs, tutorials, class tests, exams, coursework
 - means of assessment
 - size of cohort (5 - 250)



solution...Module Management System (MMS)



- “Module” is a very well understood concept
 - teaching & learning
 - assessment & reporting
 - so MMS uses it the primary unit of management
- MMS caters for the very wide variety of modules
 - fully customisable per module
 - not an “all or nothing system”
- system addresses academic needs while interfacing with central systems



module operations

- semi-automatic maintenance of class lists
 - tutorial group management
- Final grade management
 - powerful modelling facilities to reflect assessment regime
 - coursework submission, tracking and grading
 - exam marking and grading
 - replaces ad hoc spreadsheets
- Special circumstances tracking
 - Visible on the final grade and coursework views
- Tutorial and lecture attendance monitoring
- Cross module mean grade comparisons
- various others....



creenshots



Modules
Lecturer, Joe (Staff ID: 00000)

My Details Users Events Modules Logout

Hello, Joe. Last login at Nov 10, 2008 4:48:06 PM from a.computer.ac.uk

Show: 2007/8 School of Computer Science Get My Modules Get All Modules

School wide actions for School of Computer Science

All Year Modules Semester One Semester Two

CS4099: Major Software Pr... CS1002: Computer Science CS1004: Internet Programming

- CS4098/9 Grading Sheets [Admin]
- CS4099 Deliverables
- CS4099 Final
- Weekly Meetings - S1 [Admin]

- CS9001: Research Postgrads
- Annual Progress Form [Admin]
- Deliverables
- PGC Minutes January 2008
- Reviewers Report Dec 2007
- Reviewers Report June 2008
- Supervisors Report May 2008
- Supervisors Report Dec 2007

CS3301 - Coursework Overview
2008/9-S1 CS3301 (Component Technology)

Coursework

Show students: All Go Download this page as CSV or Excel.

Show Results Graph

Matric Number	Slots				Running Average	Overall Average	Notes
	P1	P2	P3	P4			
00000001					n/a	0	[Add] Individual
00000002	17	★			17	3.4	[Add] Individual
00000003	15	★			15	3	[Add] Individual
00000004	19.1	★			19.1	3.8	[Add] Individual
00000005	18	★					[Add] Individual
00000006	13.1	★					[Add] Individual
00000007	16.5	★					[Add] Individual
00000008	15	★					[Add] Individual
00000009	15	★					[Add] Individual
00000010	16	★					[Add] Individual
00000011	14	★					[Add] Individual
00000012	12.9	★					[Add] Individual
00000013	16.5	★					[Add] Individual
00000014	12.9	★					[Add] Individual
00000015	16	★					[Add] Individual
00000016	14	★					[Add] Individual
00000017	18	★					[Add] Individual
00000018	19	★					[Add] Individual
Averages	15.8	n/a	n/a				
Weight	20.0 %	20.0 %	20.0 %				
Concise Grade Entry	***	***	***				

CS3301 - View Grades
2007/8-S1 CS3301 (Component Technology)

CS3301 Final

Show final output Show detailed presentation Show graph Download detailed graphs Download for Registry Download as CSV Final grade calculation model: CS Standard Model w/ Capping shown (Jan 08)

Student				Input			Output	Result					
User Name	Forename	Surname	Matric Number	Exam	Practicals	Resit Exam	Capped	Calc Grade	Calc Status	Assigned Grade	Assign Status	Comments for Registry	Module Notes
a1	Forename	A	00000000	16.5	15.4	n/a	false	16.1	P				[Add]
b2	Forename	B	00000000	13.6	2.8	n/a	false	4.9	F	9.3	P	Allowed to proceed despit	[Add]
c3	Forename	C	00000000	16.5	15.8	n/a	false	16.2	P	16.2	S		[Add]
d4	Forename	D	00000000	17	13.3	n/a	false	15.5	P				[Add]
e5	Forename	E	00000000	8	14.8	n/a	true	10	P				[Add]
f6	Forename	F	00000000	11.4	16.7	n/a	false	13.5	P				[Add]
g7	Forename	G	00000000	13.7	16.1	n/a	false	14.7	P				[Add]
h8	Forename	H	00000000	17.1	16.1	n/a	false	16.7	P				[Add]
i9	Forename	I	00000000	16.9	15	n/a	false	16.1	P				[Add]
j10	Forename	J	00000000	10.8	10	n/a	false	10.5	P				[Add]
				13.97	13.33	0.0				13.29			

Update Status and Comments



Snshots

Modules

Example, Student (Student ID: 000000000)



Hello, Example. Last login at Nov 13, 2008 5:34:24 PM from a.computer.ac.uk

Show:

All Year Modules

[CS3099: Software Team Pro...](#)

[Project Deliverables](#)

Semester One

[CS3051: Software Engineering](#)

[Coursework](#)

[CS3101: Databases](#)

[Coursework](#)
 [Tutorials](#)

[CS3103: G](#)

[Coursework](#)

[CS3201: M](#)

[Coursework](#)

CS3051 - Student view of coursework

2008/9-S1 CS3051 (Software Engineering)

Coursework



Note:

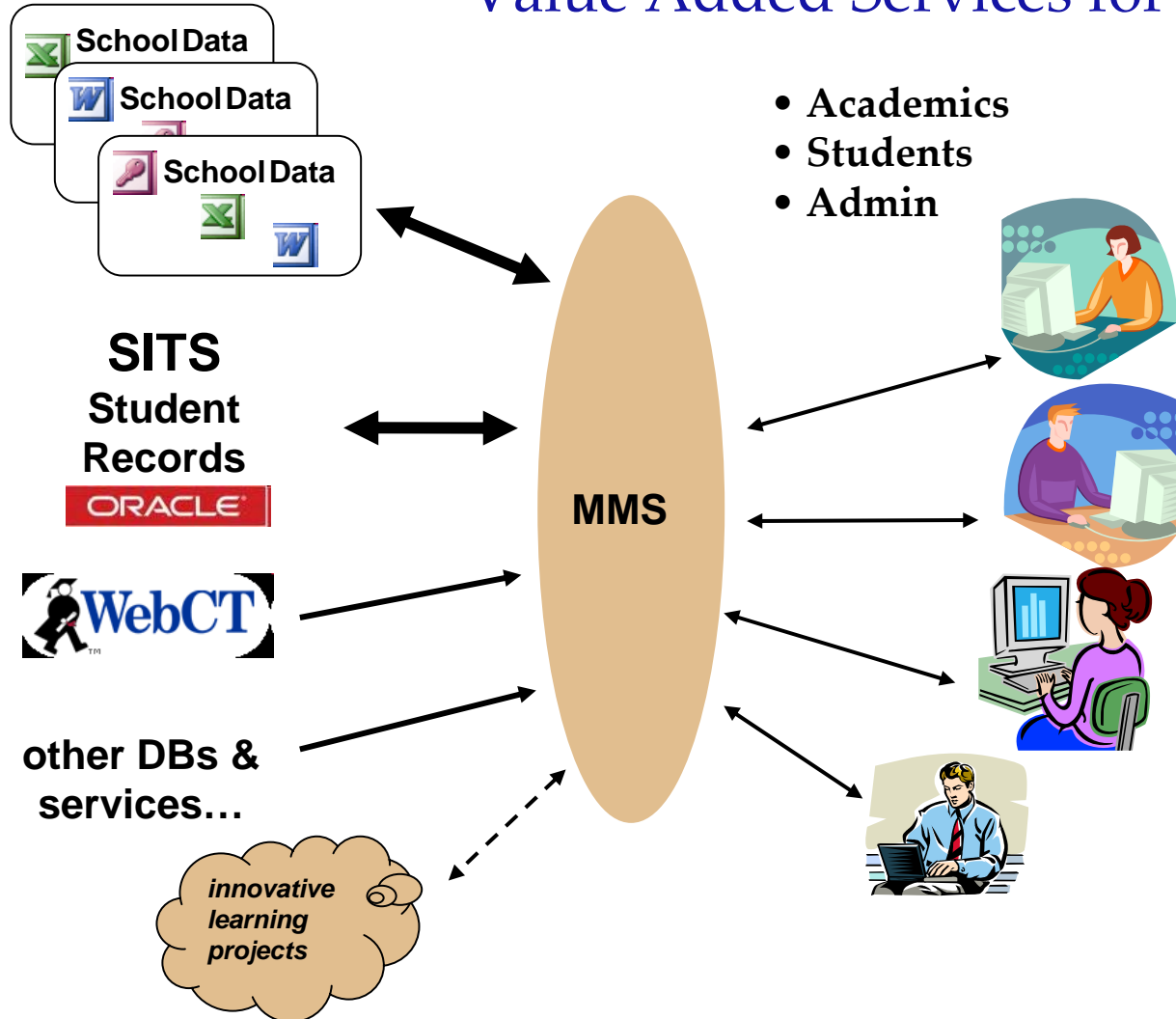
- **Work must be submitted by 11:59 PM on the due date**; this page was generated on Nov 13, 2008 at 6:00 PM.
- All grades are provisional until exam board has met.
- Work will be marked anonymously. Please ensure that you only identify yourself by matriculation number on work you submit.

[Download archive of all work on this page](#)

Slot Name	Due Date	Ack Date	File	Date Submitted		Acknowledgments	Grade	Weight
Practical 1	10/10/2008	31/10/2008	000000000-Practical_1.zip	10/10/2008 18:33	Comment	ab12 ab12	16	20 %
Practical 2	17/11/2008	08/12/2008	<input type="button" value="Choose File"/> no file selected <input type="button" value="Upload"/>		Comment			15 %
Practical 3	08/12/2008	29/12/2008	<input type="button" value="Choose File"/> no file selected <input type="button" value="Upload"/>		Comment			30 %



Value Added Services for





MMS Summary

- Designed for academic staff by academic staff
 - Driven by academic policy (University, Faculty and School)
 - Identity management & role-based access
 - Popular with students where used for coursework management
- *Selectively* interacts with multiple existing data bases - keeps the data quality high
 - *Recognition that locally maintained information forms part of the distributed institutional information base*
- Extensible, modular design
 - Was adapted for Disabilities Information Flow system DIF (SENDA obligation)
 - used in Comp.Sci., Maths, Psychology, Philosophy, Anthropology, Economics and History - customised by each School



Thank you!

early adopters from other institutions welcome



Any questions?