STUDENT CRT

Student Storyline / Wellbeing Monitor

Dr Andrew Markwick

Third Floor Systems & The University of Manchester

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StudentCRT helps us **identify students** who might be struggling so we can **intervene** before matters escalate.

➤ In **4 years of use** at The University of Manchester, it has **reduced** referral rates to counselling against an overall upward trend

➤ We want to roll this system out to help protect more student lives, or at least communicate its use as best practice

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"We're now able to identify students we need to follow-up personally almost as soon as problems start to manifest themselves."

Geraldine Garrabet, Student Support Officer, School of Physics & Astronomy, The University of Manchester.

Tim Jones, Director of Teaching, School of Mechanical, Aerospace & Civil Engineering, The University of Manchester.

"**StudentCRT** has allowed us to identify several serious welfare cases that had gone undetected and unreported. We were able to act **swiftly** to **prevent** their circumstances deteriorating further."

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What Does It Do?

➤ StudentCRT is a **staff-facing** information system

➤ It measures **disengagement** as a proxy for struggling

➤ Several types of data are **triangulated** so a **holistic** picture of each student's experience is built up

➤ It can **interface** with existing systems or can collect data itself

➤ Presents a **useful view** of its results to responsible staff

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How Does It Work?

➤ Students are organised into **groups**

➤ Tasks are set on those groups for **tutors** to complete

➤ Data gathered through tasks can be numeric, text or 'traffic-light'

➤ The system assigns weights to the outcomes of tasks

➤ And aggregates them for each student

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STUDENT ORT

DEV v0.440 Holistic Student Monitor

Maths Group 7
TUTOR: SEBASTIAN HAYES
5 students

A small tutor group page

MAIN MENU

- Dashboard
- My Tasks
- My Groups
- ? Q&A

Students in Maths Group 7   —

Show [25] entries   Search: [   ]

☐	ID	Name	Health	Groups
☐	9832208	Stephen **Mason**	-24	2015 MPhys Theory TG_7 1st PG_7 MG_7
☐	3476621	Florence **Barnes**	-3	2015 BSc Phys TG_7 1st PG_7 MG_7
☐	3224367	Benjamin **Grant**	-1	2015 MPhys Theory TG_7 1st PG_7 MG_7
☐	7452317	Noah **Bennett**	0	2015 MPhys Theory TG_7 1st PG_7 MG_7
☐	9578091	Amelia **Wilkinson**	0	2015 MPhys Phys TG_7 1st PG_7 MG_7

Showing 1 to 5 of 5 entries   Previous [1] Next

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Attendance for Maths Group 7   —

Hover on column headings for task descriptions and start and due dates.

Key for clickable cells in table:

Semester.Week
AttendanceWork
✔ Present ✔ Satisfactory
⚠ Excused ⚠ Unsatisfactory
⚠ Absent   ⚠ No work

Show [25] entries   Search: [   ]

Student	ID	S1W1 ☑	S1W2 ☑	S1W3 ☑	S1W4 ☑	S1W10 ☑	S1W11 ☑	S1W12 ☑	%
		A	A	A	A	A	A	A	
Florence **Barnes**	3476621	✔	✔	✔	✔	✔	✔	✔	100.0
Noah **Bennett**	7452317	✔	✔	⚠	⚠	✔	✔	✔	71.4
Benjamin **Grant**	3224367	✔	✔	✔	✔	✔	⚠	⚠	85.7
Stephen **Mason**	9832208	✔	✔	⚠	⚠	⚠	⚠	⚠	42.9
Amelia **Wilkinson**	9578091	⚠	⚠	⚠	⚠	✔	✔	✔	42.9

Showing 1 to 5 of 5 entries   Previous [1] Next

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Data from tasks is **triangulated** and presented as a view of who is most at-risk.
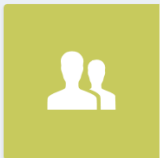
STUDENT QRT

DEV v0.440 Holistic Student Monitor

Maths Group 7
TUTOR: SEBASTIAN HAYES
5 students

Maths Group 7
TUTOR: SEBASTIAN HAYES
5 students

Jump to: Attendance - Email List

Students in Maths Group 7

Show 25 entries

	ID	Name	Health
☐	9832208	Stephen **Mason**	-24
☐	3476621	Florence **Barnes**	-3
☐	3224367	Benjamin **Grant**	-1
☐	7452317	Noah **Bennett**	0
☐	9578091	Amelia **Wilkinson**	0

Showing 1 to 5 of 5 entries

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MAIN MENU

Dashboard
My Tasks
My Groups
Q&A

MAIN MENU

- Dashboard
- My Tasks
- My Groups
- Q&A

ADMINISTRATION

- Students
- Staff
- Groups
- Tasks
- Reporting

SUPERUSER

- Super User Panel

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STUDENT ORT
DEV v0.440 Holistic Student Monitor

MPhys
TUTOR: ANDREW MARKWICK
1013 students

A large overview group page

Jump to: Toolboxes - Email List

Students in MPhys

Show 25 entries   Search:

	ID	Handle	Name	Health	Groups
☐	9832208	mbfake5321	Stephen **Mason**	-24	2015 MPhys Theory TG_7 1st PG_7 MG_7
☐	7931504	mbfake9993	Michael **Ball**	-6	2013 MPhys Theory 3rd ST_2
☐	9586605	mbfake5833	Mia **Ali**	-5	2012 MPhys Phys TG_1 1st PG_1 MG_1 L_Th W_M2 Dyn PHY
☐	1418363	mbfake6443	Ellie **Murphy**	-4	DASS 2015 MPhys Phys TG_1 1st PG_1 MG_1 L_Th W_M2 Dyn PHY
☐	6301217	mbfake4103	Jacob **Anderson**	-2	2015 MPhys Phys TG_1 1st PG_1 MG_1 L_Th W_M2 Dyn PHY
☐	9090622	mbfake1928	Finley **Stewart**	-2	DASS 2015 MPhys Phys TG_1 1st PG_1 MG_1 L_Th W_M2 Dyn PHY
☐	7010025	mbfake5616	Daisy **Adams**	-1	2013 MPhys Phys 3rd CH_1
☐	7107538	mbfake9291	Rosie **Atkinson**	-1	2014 MPhys Phys 2nd PG_2 ST_2
☐	1486141	mbfake6910	Christopher **Begum**	-1	2015 MPhys Phys TG_2 1st PG_2 MG_2 L_Th W_M1 Dyn
☐	4992199	mbfake3435	Eric **Francis**	-1	2013 MPhys Phys TG_1 3rd
☐	3224367	mbfake3919	Benjamin **Grant**	-1	2015 MPhys Theory TG_7 1st PG_7 MG_7
☐	724280	mbfake7800	Charlotte **Rogers**	-1	DASS 2015 MPhys Phys TG_5 1st PG_5 MG_5 L_Th W_M1 Dyn
☐	556769	mbfake7576	Carol **Adams**	0	2015 MPhys Theory TG_8 1st PG_8 MG_8
☐	7781772	mbfake7899	Patrick **Adams**	0	2012 MPhys Astro 4th ST_1
☐	4176906	mbfake1349	Dennis **Adams**	0	2015 MPhys Theory TG_4 1st PG_4 MG_4 L_Th W_M2 Dyn
☐	8155829	mbfake5324	Margaret **Ahmed**	0	2013 MPhys Theory 3rd
☐	6323050	mbfake4284	Zachary **Ahmed**	0	2012 MPhys Theory TG_9 4th CH_2
☐	230894	mbfake3143	Molly **Ahmed**	0	2013 MPhys Theory TG_9 3rd ST_1
☐	7036565	mbfake1899	Erin **Ahmed**	0	2012 MPhys Phys 4th
☐	2228915	mbfake4031	Melissa **Ali**	0	2014 MPhys Theory 2nd
☐	8554448	mbfake9940	Oliver **Ali**	0	2014 MPhys Theory TG_9 2nd
☐	1123666	mbfake1538	Karen **Ali**	0	2013 MPhys Theory 3rd

A large overview group page

STUDENT ORT

STUDENT ORT
DEV v0.440 Holistic Student Monitor

MAIN MENU
- Dashboard
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ADMINISTRATION

Third Floor Systems, **DEMO**   Andrew Markwick

MPhys
TUTOR: ANDREW MARKWICK
1013 students

Jump to: Toolboxes · Email List

Students in MPhys

ID	Handle	Name	Health	Groups
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7931504	mbfake9993	Michael **Ball**	-6	2013 MPhys Theory 3rd ST_2
9586605	mbfake5833	Mia **Ali**	-5	2012 MPhys Phys TG_1 1st PG_1 MG_1 L_Th
1418363	mbfake6443	Ellie **Murphy**	-4	DASS 2015 MPhys Phys TG_1 1st PG_1 MG_1
6301217	mbfake4103	Jacob **Anderson**	-2	2015 MPhys Phys TG_1 1st PG_1 MG_1 L_Th
4992199	mbfake3435	Eric Francis	-1	2013 MPhys Phys TG_1 3rd
3224367	mbfake3919	Benjamin Grant	-1	2015 MPhys Theory TG_7 1st PG_7 MG_7
724280	mbfake7800	Charlotte Rogers	-1	DASS 2015 MPhys Phys TG_5 1st PG_5 MG_5 L_Th W_M1 Dyn
				PG_8 1st PG_8 MG_8
				TG_1
				PG_4 MG_4 L_Th W_M2 Dyn
6323050	mbfake4284	Zachary Ahmed	0	2012 MPhys G_9 4th CH_2
230894	mbfake3143	Molly Ahmed	0	2013 MPhys G_9 3rd ST_1
7036565	mbfake1899	Erin Ahmed	0	2012 MPhys
2228915	mbfake4031	Melissa Ali	0	2014 MPhys Theory 2nd
8554448	mbfake9940	Oliver Ali	0	2014 MPhys Theory TG_9 2nd
1123666	mbfake1538	Karen Ali		2013 MPhys Theory 3rd

Visual 'traffic-light' **leaderboard**

Stephen Mason's Storyline

All Items ▾

10 Dec 2018

💬 **Andrew Markwick** submitted a comment.

I've requested Stephen come for a chat about his recent attendance drop-off.

○ Select   Delete

👥 **Andrew Markwick** recorded a group change: Added to group Maths Group 7 (Sebastian Hayes).

○ Select

📅 **Erin Adams** recorded TASK: S1W12 attendance.   💔 -8

Physics Group 7, S1W12, absent

○ Select

📅 **Sebastian Hayes** recorded TASK: S1W12 attendance.   💔 -8

Maths Group 7, S1W12, absent

○ Select

03 Dec 2018

📅 **Erin Adams** recorded TASK: S1W11 attendance.   💔 -2

Physics Group 7, S1W11, absent

○ Select

📅 **Sebastian Hayes** recorded TASK: S1W11 attendance.   💔 -4

Maths Group 7, S1W11, absent

○ Select

26 Nov 2018

📅 **Erin Adams** recorded TASK: S1W10 attendance.

Physics Group 7, S1W10, attended.

○ Select

📅 **Sebastian Hayes** recorded TASK: S1W10 attendance.   💔 -2

Maths Group 7, S1W10, absent

Student **Storyline**

Responsible staff can **investigate** scores…

Stephen Mason's Storyline

All Items ▾

10 Dec 2018

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💬 **Andrew Markwick** submitted a comment.

I've requested Stephen come for a chat about his recent attendance drop-off.

◯ Select

👥 **Andrew Markwick** recorded a group change: Added to group Maths Group 7 (Sebastia

◯ Select

📅 **Erin Adams** recorded TASK: S1W12 attendance.

Physics Group 7, S1W12, absent

◯ Select

📅 **Sebastian Hayes** recorded TASK: S1W12 attendance.

Maths Group 7, S1W12, absent

◯ Select

📅 **Sebastian Hayes** recorded TASK: S1W10 attendance. 💚 -2

Maths Group 7, S1W10, absent

Student **Storyline**

Responsible staff can **investigate** scores and decide how to **act** upon them.

10 Dec 2018

Sebastian Hayes submitted a comment.   💔 -1

Stephen came to see me today, he was visibly upset.

⭕ Select   Delete

Andrew Markwick commented: ⏱ 10 Dec 2018 23:21

See below

Delete

Andrew Markwick submitted a comment.

I've requested Stephen come for a chat about his recent attendance drop-off.

⭕ Select   Delete

Andrew Markwick commented: ⏱ 10 Dec 2018 23:21 💔 -10

I met with Stephen, he has had a recent family bereavement. I will follow up with him in a week after he has returned to University having attended the funeral.

Delete

Staff can then **record** the outcomes of those actions.

This activity is then visible to **all staff** having responsibility for this student.

Key Features

➤ Unique: connected **storyline** view and at-risk **leaderboard**

➤ The system takes no action itself, it's about information. **All decisions and interventions are made by staff**

➤ It's more a data aggregator / analyser than an attendance monitor

➤ Broad scope, yet focussed on the **individual**

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4 Years In Use

➤ **Well received** by academics and administrative staff alike

➤ Academics can better see what's going on with 'their' students

➤ The net of people who can spot potential problems is **tighter**

➤ Has had a profound effect on our student support

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- ➤ *In principle*, counselling, accommodation, finance etc. could all access and use the system for a **whole university approach**

- ➤ System is **ready** to deploy with a short lead time

- ➤ **Andrew Markwick,** *andrew@thirdfloor.ltd*

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