

Project Title

Education Management System (EMS)

Project Lead and Members

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Organisation(s) Involved

SingHealth Academy, Singapore Health Services Pte Ltd

Healthcare Family Group(s) Involved in this Project

Allied Health, Ancillary Care, Healthcare Administration, Medical, Nursing, Pharmacy

Project Period

Start date: Apr 2018

Completed date: Mar 2019

Aims

To improve the management, tracking, and reporting of Pre-Employment Clinical Training (PECT) student postings and the academic activities of clinical educators at all SingHealth Institutions, the Cluster Education Office in 2016 developed and implemented the Education Management System (EMS)

Background

See poster appended/ below

Methods

See poster appended/ below

Results

See poster appended/ below

Conclusion

See poster appended/ below

Project Category

Training & Education

Education Platform, Learning Management

Keywords

Pre-Employment Clinical Training, PECT, Training Management, Tracking, Reporting,
Teaching Activities, Training Activities

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Education Management System (EMS)



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SingHealth Academy | Singapore Health Services Pte Ltd

INTRODUCTION

With the implementation of Pre-Employment Clinical Training (PECT) in 2013 by MOH, it is crucial that we have a consistent tracking and timely reporting of student postings data and the academic activities of our clinical educators at all the SingHealth Institutions, to ensure that the PECT funding from MOH is not compromised due to 'errors' in our report to MOH.

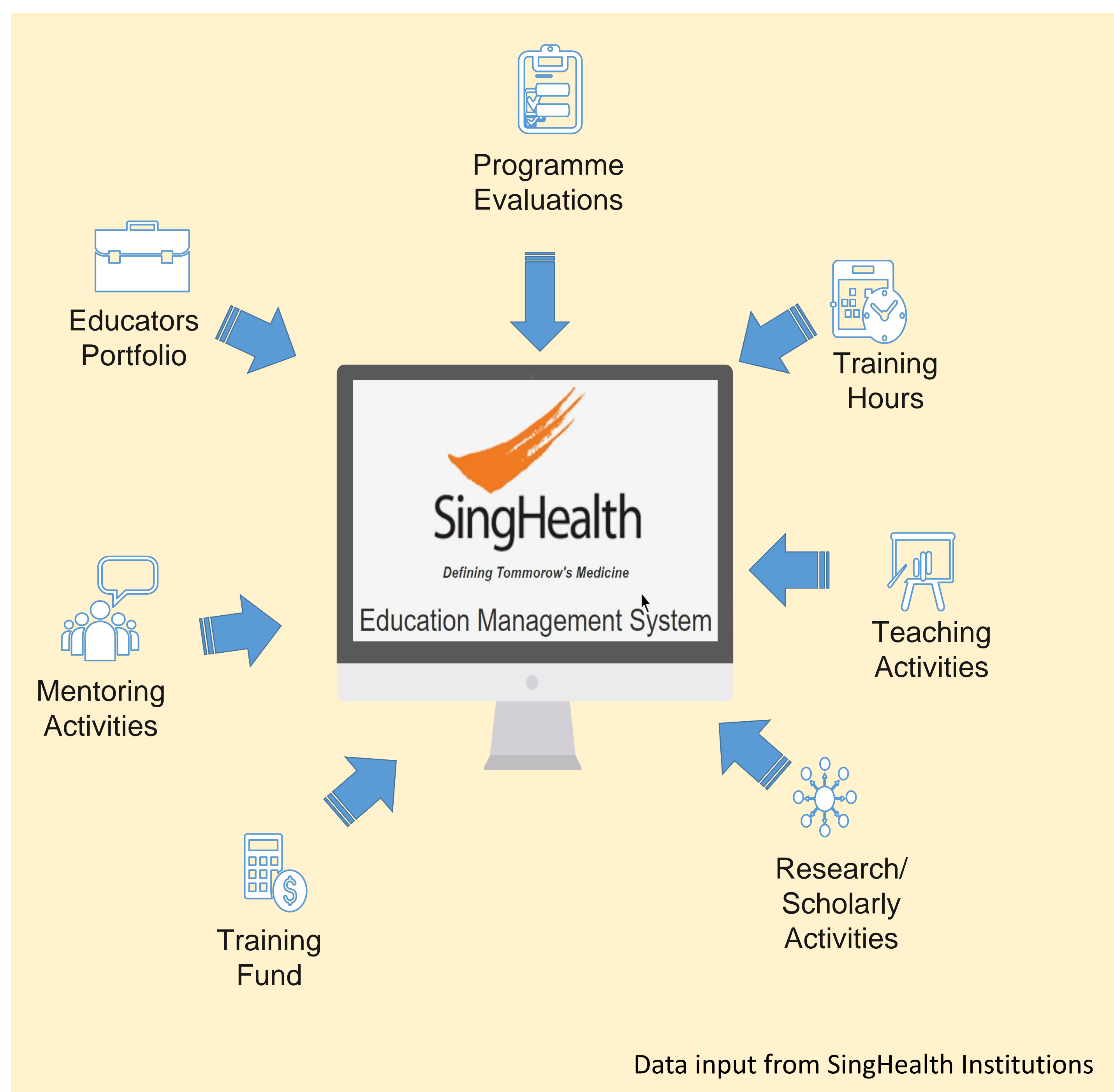
AIM

To improve the management, tracking, and reporting of Pre-Employment Clinical Training (PECT) student postings and the academic activities of clinical educators at all SingHealth Institutions, the Cluster Education Office in 2016 developed and implemented the Education Management System (EMS).

METHODOLOGY

A centralised system to track, report the following:

- Teaching activities
- Academic and Leadership appointments
- Faculty Development activities, and
- Other educational activities such as mentoring/education research



CONCLUSION

The EMS has streamlined processes, improved efficiencies and accuracy in the management, tracking and reporting of PECT student postings as well as clinical educator academic activities. In our busy healthcare setting, this substantial increase in productivity in administrative work translates into more time for our healthcare professionals to provide patient care.

RESULT



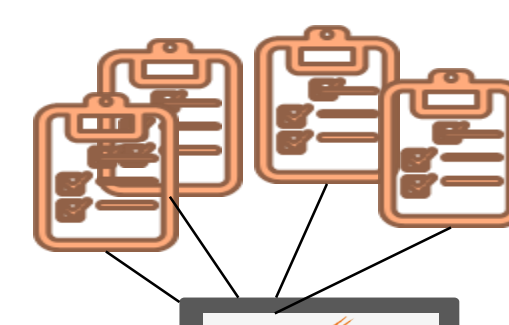
3 → 1 week

Increase in productivity & accuracy of reports. **Shortened** verification process for PECT student days with schools (for billing) **from 3 weeks to 1 week**

Download

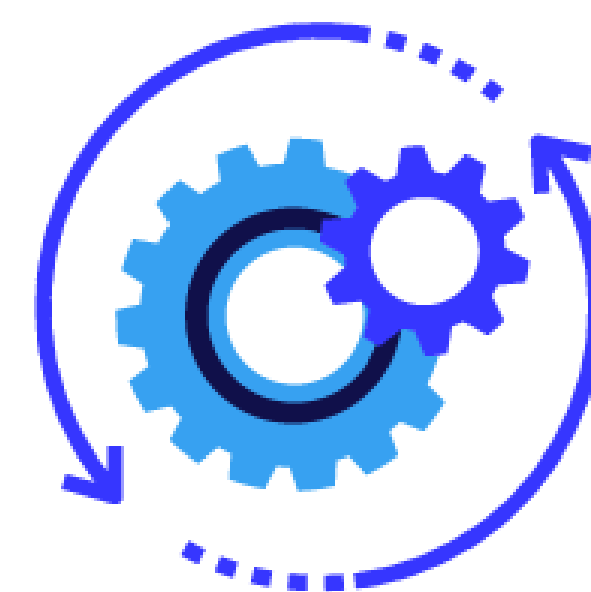


1-click **auto generation** of education portfolios from manual collation of information **from 2 days to 5 mins**



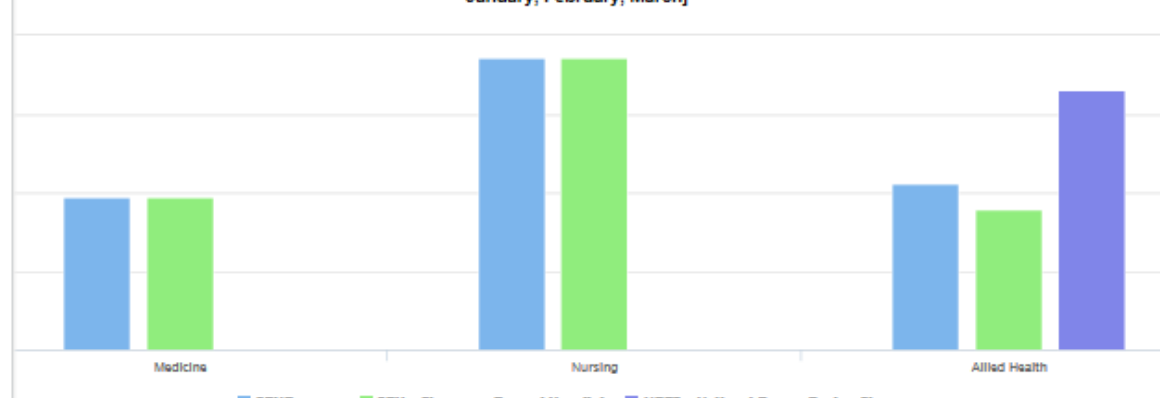
Online feedback

Greater Stakeholders Engagement. Student feedback is collected via the EMS online resulting in **higher response rate from 45% to 100%**



Auto tabulation of feedback scores & reports from EMS resulting **from taking 1 day to generate reports (manually) to 5 mins**

Overall Student Feedback Report for FY 2018 (April, May, June, July, August, September, October, November, December, January, February, March)



Line on the chart represents SIF Quality Indicator Benchmark.

Institution	Medicine	Nursing	Allied Health
NCCS - National Cancer Centre, Singapore	0.00	0.00	2.31
SingHealth FY 2017	2.17	2.05	2.08
SingHealth FY 2018	1.95	2.72	2.11
SGH-Campus	1.98	2.72	2.11
SGH - Singapore General Hospital	1.95	2.72	1.79



Reduced human errors in data entry through **import** function in EMS **directly** from data **source**