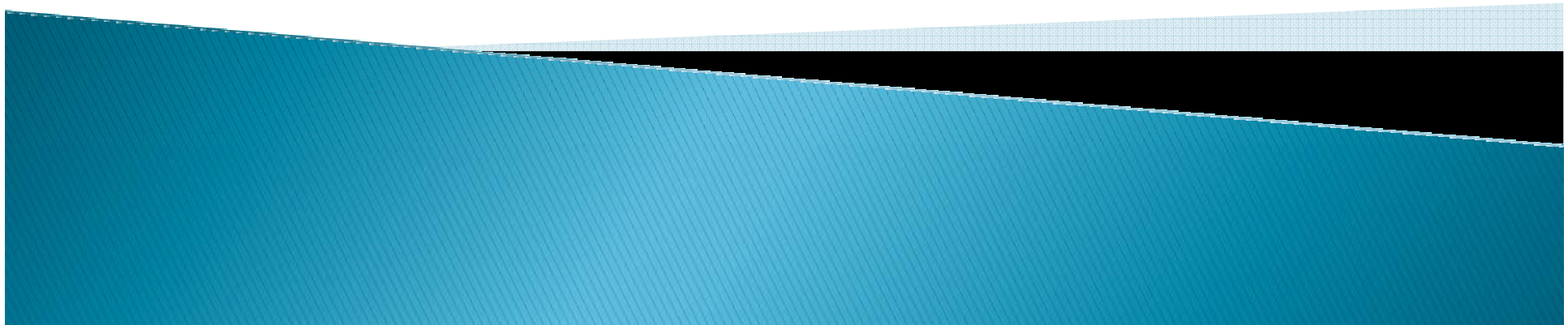


Online system to facilitate collaborative construction and mapping of learning outcomes in the medical curriculum

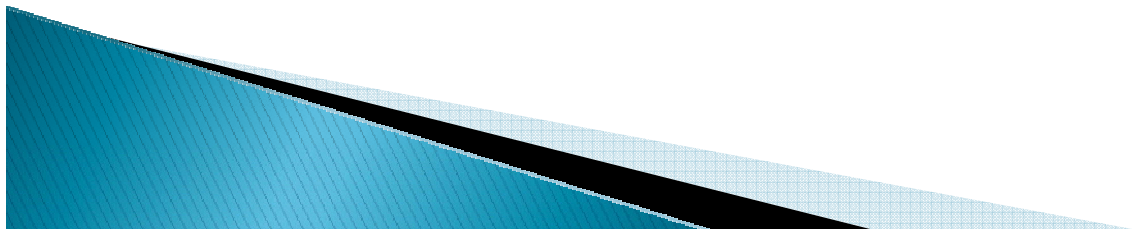
Mrs Jenny Fang¹, Mr Francis Wong¹, Mr Raymond Chu¹, & Prof Paul Lam²

¹ Medical Information Technology,

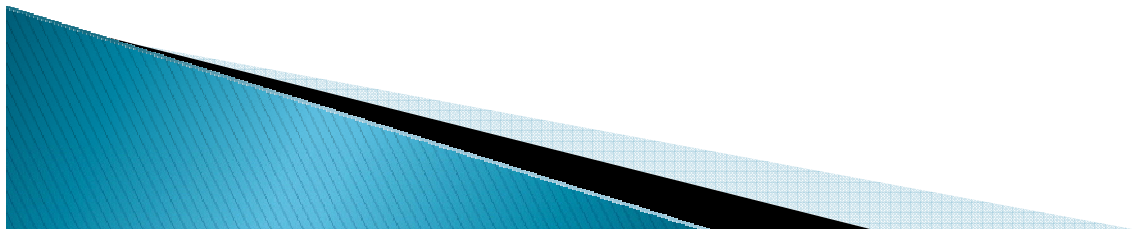
² Centre for Learning Enhancement And Research



- ▶ The Faculty of Medicine is moving towards outcomes-based teaching and learning and is the process of planning and constructing learning outcomes at the various levels of the curriculum. It is a challenge to find a mechanism that allows teachers to **effectively communicate** and **collaboratively construct** students' learning outcomes, and to **effectively map** the learning outcomes of the individual courses and topics with the overall objectives of the programme.

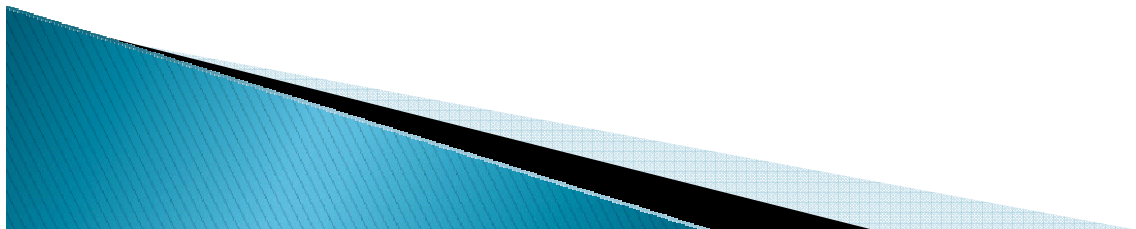


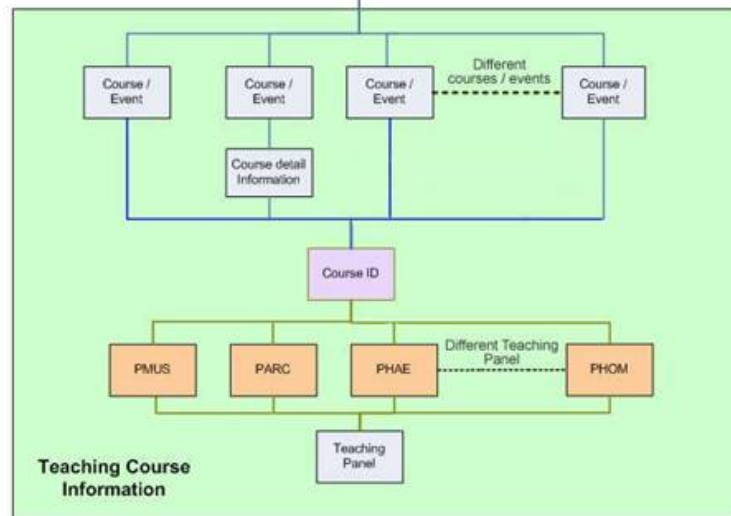
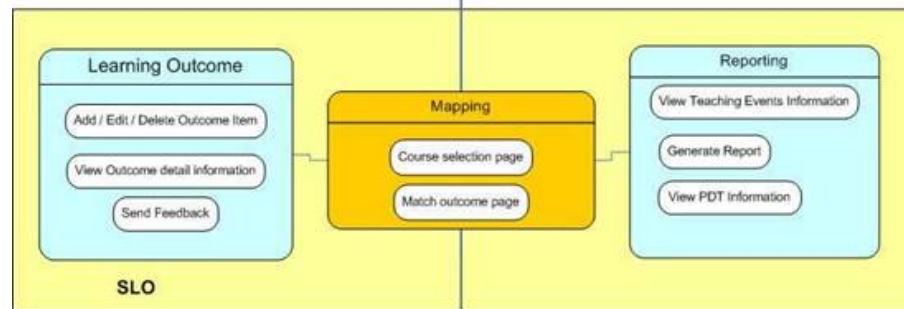
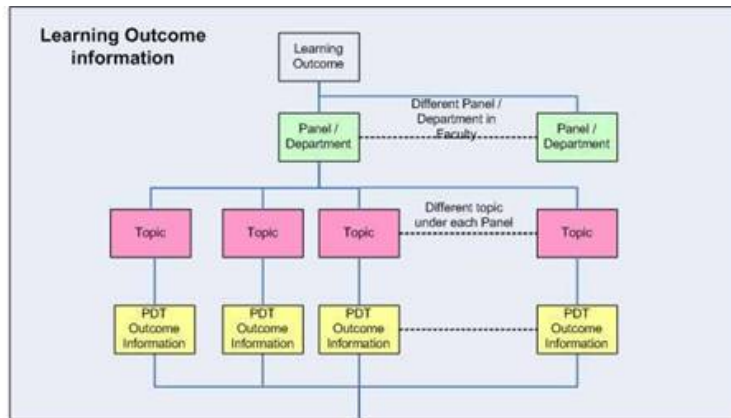
- ▶ In this paper, we report on a web-based development to facilitate these collaboration and mapping processes.
- ▶ The system aims to enable teachers to write and comment on the learning outcomes on any of the various teaching modules in the medical programme. There is also a way to visualize the mapping of the topic/ course-level learning outcomes with the programme-level ones. The visualization will greatly assist curriculum planning.



What is SLO?

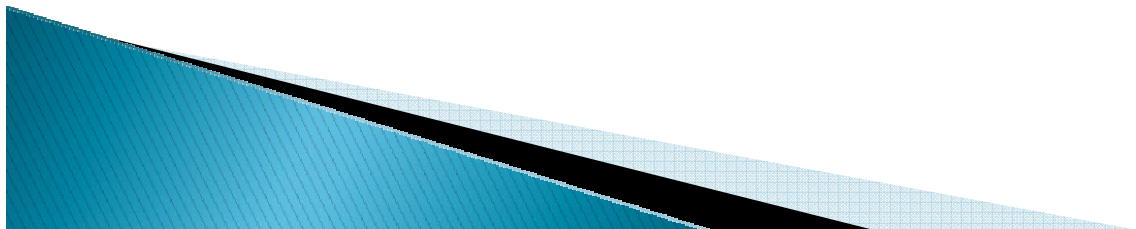
- ▶ The system is composed of 3 modules: Learning Outcomes, Teaching Events, and Reporting Function
 - Developed and designed by Medical Information Technology (MIT)
 - In association with many medical professors such as Prof Tony Nelson, Prof Shekar KUMTA, and Prof San An CHAN





How can SLO help teachers?

- ▶ Propose learning outcomes of a course by teaching staff
- ▶ Enter a learning outcome and SLO will map it with relevant course(s)
- ▶ Add, edit and comment on learning outcomes entered by self or by others
- ▶ Display other course related information, e.g. learning activities, and assessments

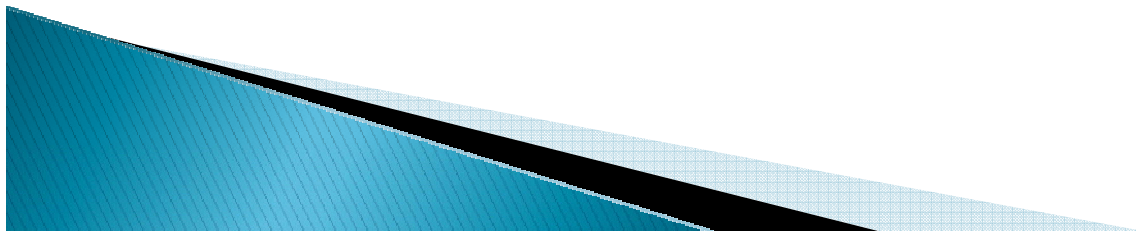


Show

- ▶ Create outcomes (can be for individual lessons/topics)
- ▶ Relate outcomes to PDT
- ▶ Edit outcomes
- ▶ Provide feedback
- ▶ View topics related to the same outcome/
PDT

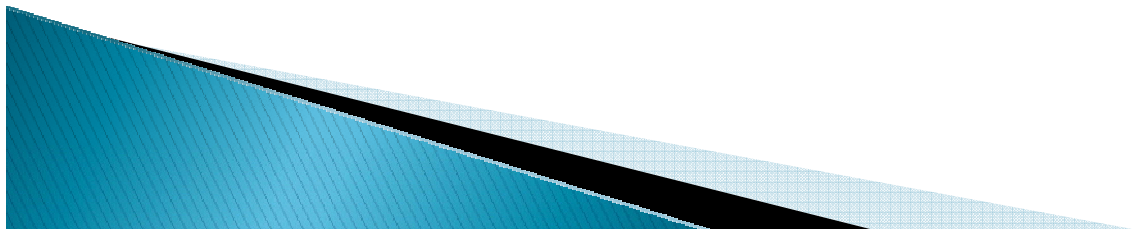
How can SLO help learners?

- ▶ Better understanding of learning outcomes before classes
- ▶ Better evaluation of their learning experience
 - ▶ (under development)

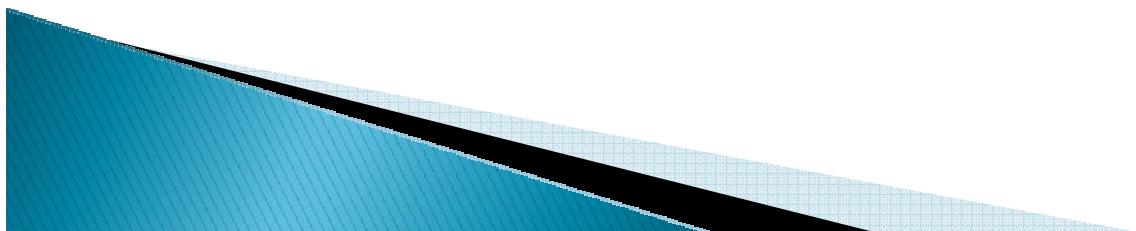
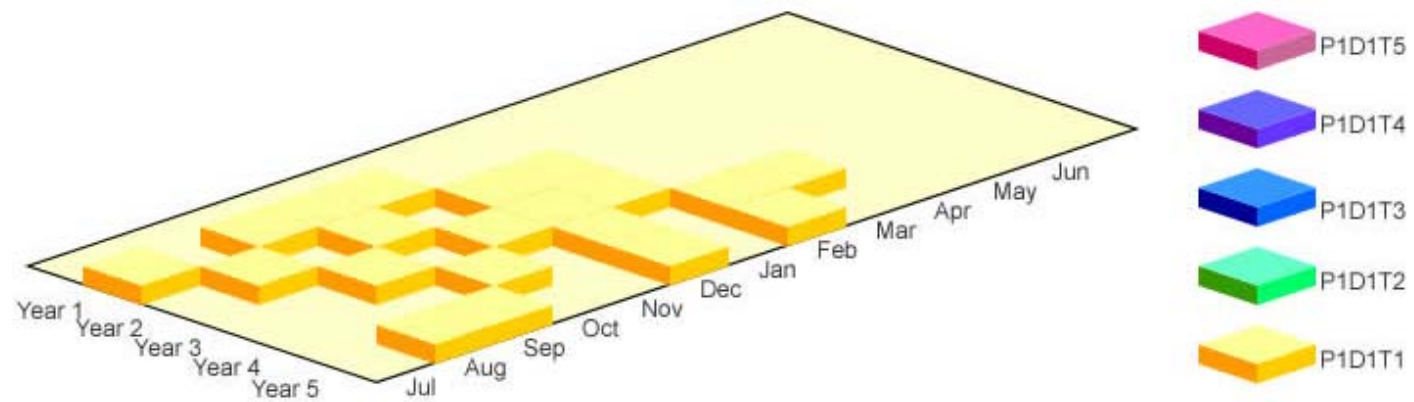


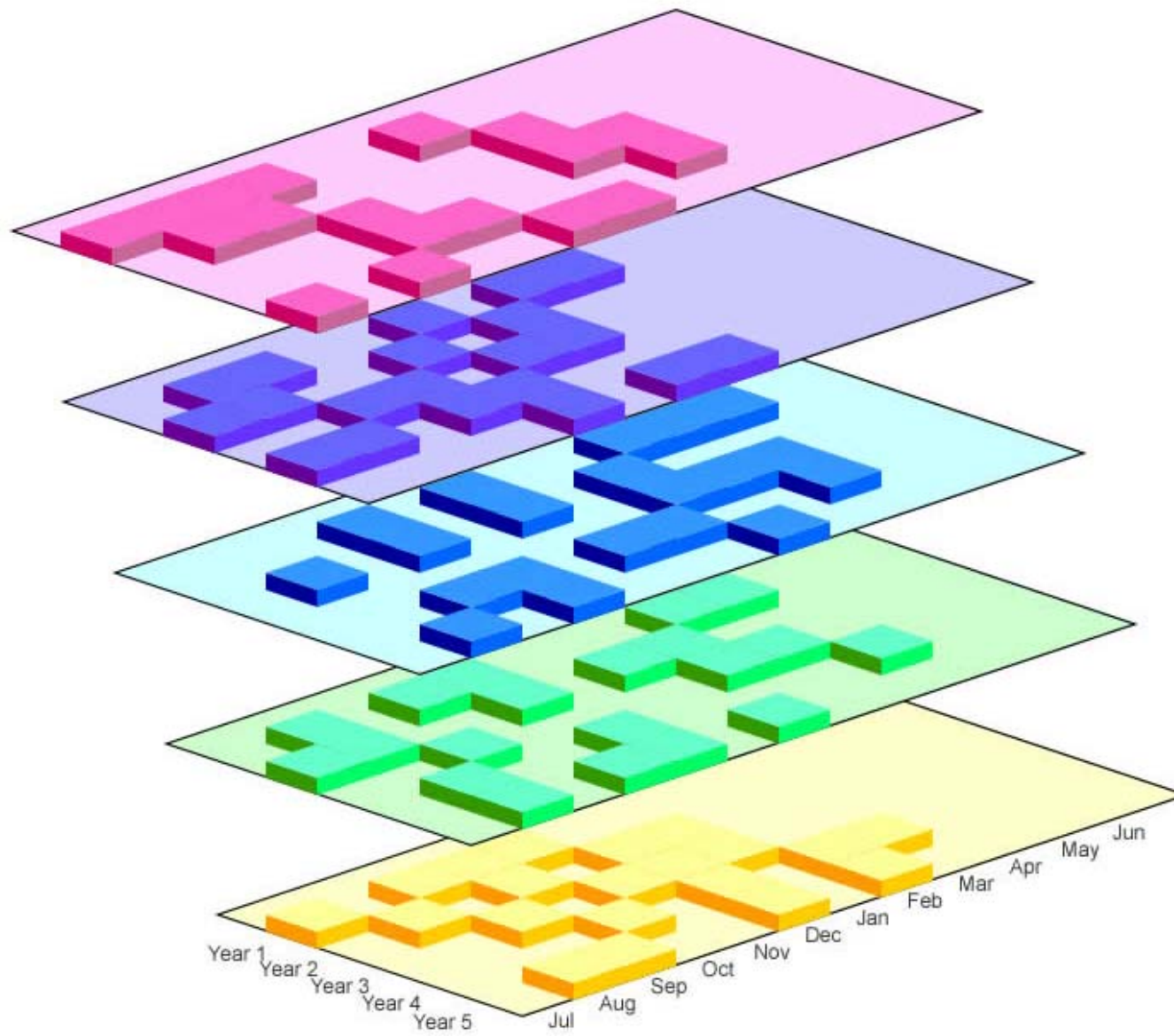
How can SLO help course administrators?



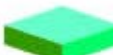

- ▶ Better identification of overlapping, matches and mismatches of learning outcomes/PDT
- ▶ Better mapping of course-level and programme-level learning outcomes/PDT

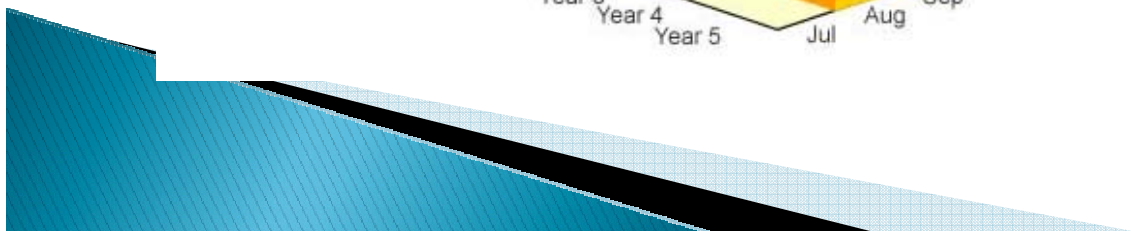


Show potential analyses



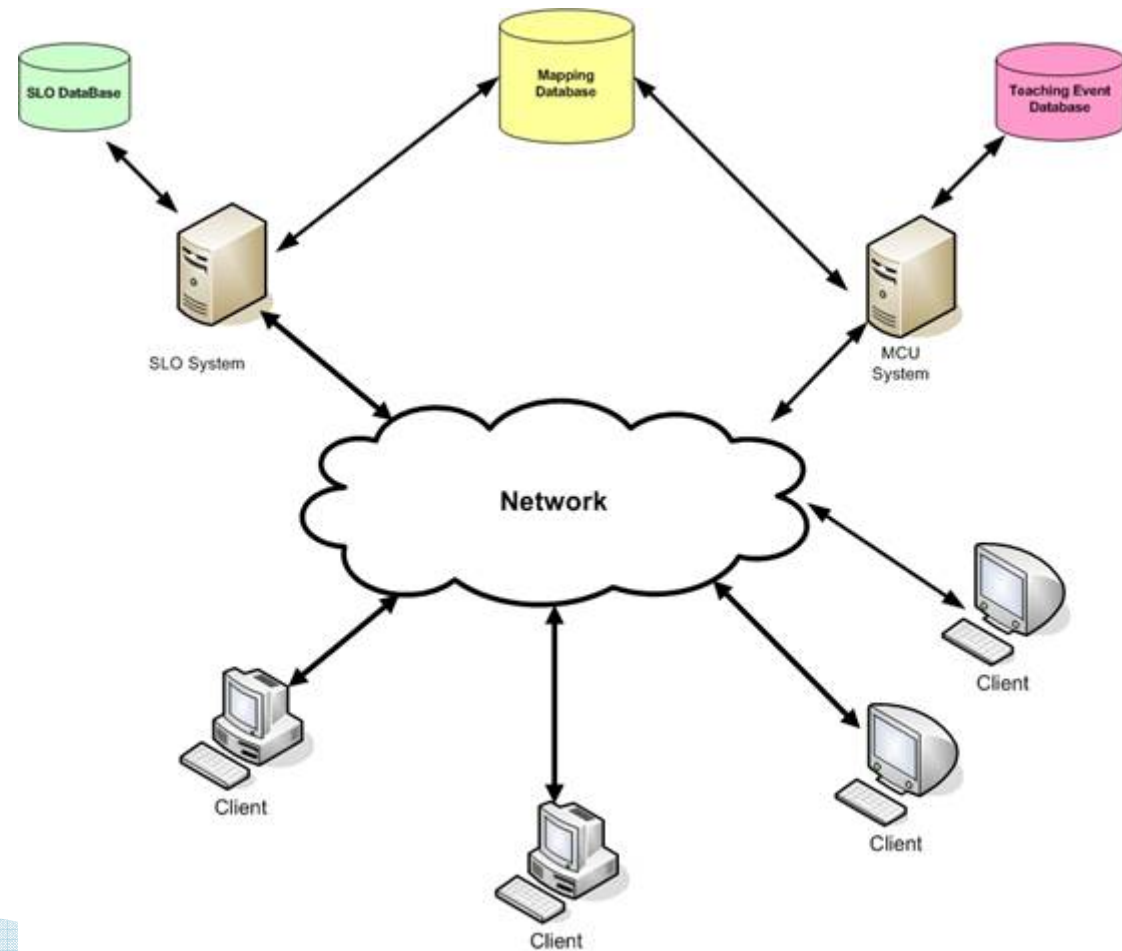


-  P1D1T5
-  P1D1T4
-  P1D1T3
-  P1D1T2
-  P1D1T1



How can SLO help departmental reporting?

- ▶ Retrieve full set of course information instantly



-Thank you-

