Case Study

Attendance Register

The University of Professional Sciences (UoPS) is looking for a new solution to help handle attendance registration for its students.

As a traditional university it offers a range of courses, broken down into modules over years of study. Each module delivery is considered as an occurrence and involves a teaching team (e.g., module leader and tutors) together with a cohort of students. Teaching sessions can be broken down into full cohort sessions (e.g., lectures) or group-based sessions (e.g., lab-based tutorials with limited capacity), which means that a single cohort may be divided into several groups.

UoPS has other information systems that deal with enrollment of students into modules and groups with respective timetable and space, and allocation of academic staff.

The new attendance registration system may be used by module leaders, tutors, students, course leaders and academic advisers.

Based on discussions with different staff in UoPS the following has been identified as a list of suggested functionalities (in no particular order):

* Manually register/edit student attendance.
* Visualise cohort attendance indicators (e.g., full cohort, per group)
* Register attendance in a session (e.g., code to type in at beginning of session)
* Visualise attendance registration over the semester.
* Load student/staff allocation data from spreadsheet/csv file.
* Visualise cohort attendance indicators
* Visualise student attendance indicators
* Generate attendance reports
* Visualise advisee attendance indicators