



Campus on Cloud transforms RMI

Rehman Medical Institute (RMI) offers academic programs in medicine, dentistry, nursing and other disciplines through four professional colleges. Currently, RMI has 1,000 enrolled students and this number is expected to increase to 2,000 over the next two years.

With plans of expansion that include introducing six more programs, RMI was looking for a world-class Student Information System (SIS) to meet their growing administrative and academic needs that would help them deliver academic excellence in today's digital era. Campus on Cloud proved to be the answer offering a fully integrated solution that covers all the administrative, academic and financial processes at RMI.

About the Client

One of the largest medical colleges in the region, Rehman Medical Institute is associated with a 500-bed teaching hospital with all the major specialties: General, Surgical and Dental. They aim to be the premier healthcare provider of the region, focusing on Quality Healthcare Services and Education.

Rehman Medical Institute is committed to educating the next generation of doctors, nurses and technicians who can help support their mission. These young minds will be providing medical treatment of the highest possible standard in a comfortable, caring and safe environment.

The Starting Point

RMI was using a combination of home grown and customized local solutions to manage their academic and financial functions. The Admissions process was not supported digitally and was almost entirely paper based.

Management was repeatedly facing the challenge of inaccurate data and reporting as each of the major functions operated as stand-alone entities. It was impossible to enforce business rules consistently because the three key offices i.e. Admissions, the Registrar and Finance/Bursar had no mechanism for integrating and coordinating their data and processes.

There was also a high degree of concern regarding the integrity and security of the data; there were few checks on the administrative users and no audit trails to determine who had changed what data. Consequently the business processes in each of these functions were not only difficult to monitor but impossible to improve.

Assessment of Needs

The challenges RMI faced with their current system made them seek a fully integrated Student Information System (SIS). It was this integration that would enable the institute to achieve a holistic view across the entire Student lifecycle. RMI wanted full visibility of the academic career of each student from admissions onwards while also managing the students' financial data. Additionally, a SIS would help improve coordination between the departments and leave no room for miscommunication or consequent errors.

Another major goal for RMI was that business and administrative processes of the institute should be automated to enhance their operational efficiency. This standardization would result in adherence to policies within the organization while simultaneously improving visibility for the management. Finally, automated processes would also result in better quality of service delivery to the students (from a reduction in the time it took to finalize grades, to prepare a transcript etc.).

The deployment of a SIS would also aid in the timely provision of consistent and accurate data for analytical reporting and therefore help improve decision making across RMI.

Campus on Cloud to the Rescue

Campus on Cloud is a Student Information System built on the Microsoft Azure cloud platform. Campus on Cloud delivers rich functionality in a highly secure environment. Engineered by a team experienced in 25 university implementations across ten countries, Campus on Cloud addressed all the requirements of a SIS for RMI.

A key point for RMI was the stunning user interface of Campus on Cloud which promised ease-of-use for the administrative staff, faculty and students. Additionally, the configurable business processes in Campus on Cloud allowed RMI to adapt the software to their own specific requirements easing transition to the new system. Finally, the out-of-the-box analytics for faculty & staff provided new insights into the academic and financial performance of the institute.

RMI went live with Campus on Cloud starting with the Spring 2016 academic session. RMI has a fully functional deployment of Campus on Cloud that automates the following processes:

- Fee management and payment collection
- Online and paper-based applications and subsequent admissions processing including the generation of merit and selection lists
- Attendance and grading
- Course management and scheduling
- Administrative processes to help setup and manage the academic and financial functions

| Student | Theory 100 | Laboratory 50 | Course Grade |
|-----------------------------------|------------|---------------|--------------|
| Millford Eacret BSCHS16M001 | 85 Main | 45 Lab-1 | A 86% |
| Veronica Armwine BSCHS16M002 | 72 Main | 43 Lab-1 | B+ 75% |
| Wayne Silk BSCHS16M003 | 92 Main | 44 Lab-1 | A+ 94% |
| Tabetha Delamater BSCHS16M004 | 76 Main | 12 Lab-1 | F 20% |
| Xavier Silverstein BSCHS16M005 | 82 Main | 38 Lab-1 | A- 78% |
| Lesley Chang BSCHS16M006 | 56 Main | 37 Lab-1 | C- 64% |
| Alane Sharman BSCHS16M007 | 48 Main | 35 Lab-1 | D 59% |
| Terina Mousseau BSCHS16M008 | 77 Main | 44 Lab-1 | A- 80% |

Addressing the needs of Medical Education

Medical Education is becoming increasingly reliant on instruction based on Modules rather than course-centric teaching. The academic content of a module is tied together by an overarching theme (for example, the Heart) and material from several different courses related to the theme is taught in an integrated manner. Each module typically consists of a set of two to four courses and can last from three to six weeks. Scheduling the instruction and the content taught within each module is very difficult when each course has to be considered independently.

Campus on Cloud allows for each module to be considered as a separate unit for class scheduling and instruction purposes thus dramatically simplifying administrative challenges. To explain further:

- Each module can have multiple courses linked to it. For example Module A can have courses on Anatomy, Biochemistry and Physiology linked to it
- Each course within a module can have a set of Topics which will be covered within the context of the module
- A module spans multiple weeks of instruction and each teaching week within a module can have:

- A theme defined for it
- Multiple topics attached within each course in a module
- The flexibility to add/remove topics at scheduling level without disturbing the course level structure
- Multiple & Varying Instructors
- Ability to conveniently reschedule classes within a week. (Postpone, Cancel, Re-Schedule)

Success Overview

A fast paced professional implementation and commitment to excellence has resulted in a very successful rollout of Campus on Cloud at RMI.

- The feature coverage of the requirements of medical education in particular has resulted in a very high level of user satisfaction
- All of RMI academic programs including MBBS are successfully carrying out their functions using Campus on Cloud
- The stunning user interface has made user adoption very smooth
- The pre-built analytics have helped keep the management up to date on key performance measures

The image displays several screenshots of the Campus on Cloud system. The top left screenshot shows a dashboard for 'SS 101, Laboratory - Main attendance' with a list of students and their attendance status. The top right screenshot shows a mobile app interface for 'SRM 101' with a progress bar and various metrics. The bottom left screenshot shows a 'Manage Class Enrollments' screen for 'Milford Eacret' with a list of courses and their enrollment status. The bottom right screenshot shows a 'Students' profile for 'Milford Eacret' with contact information and a list of courses.

“RMI is looking to significantly expand its academic programs. With Campus on Cloud we have a cloud based solution which has transformed the management of our academic function and made growth/expansion easier.”

Shafique Ur Rehman
CEO, Rehman Medical Institute

Campus on Cloud

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Campus on Cloud (CoC) is a Student Information System for Universities and Higher Education Institutions. Constructed on the Microsoft Azure cloud platform, CoC delivers prolific performance as an exceptionally secure solution with an outstanding user interface. Encompassing the entire student lifecycle, CoC plays a part in the automation of Admissions, Academics and Finance activities across all campuses, schools, departments and modules of the Institute. This groundbreaking system has been engineered by a dedicated team experienced in implementing SIS in over 25 universities across 10 countries.

Contact

For more information, contact info@almusnet.com

The logo for AlmusNet, featuring a stylized orange 'A' icon followed by the text 'AlmusNet' in a bold, sans-serif font.