Innovation update
SAP Student Lifecycle Management
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HERUG April 2016 - @SAPforHigherEd
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Agenda

- Innovation Roadmap
- Customer Connection
- HANA optimizations
- SLCM in S/4 HANA
- FIORI in SLCM
- Admissions and Registration
- Q & A
SLCM Investments 2014 & 2015

HER Project Investments

Development Projects

- Continuous Improvements
- SLCM on-premise (Student...)
- UX FIORI
- SLCM enhancements...
- Statistical Reporting for Germany
- HANA optimizations
- Co-development partnership...

Effort in MDs

- 0
- 500
- 1000
- 1500
- 2000
- 2500
- 3000

2014  2015
## Innovation highlights in Higher Education & Research
### SAP Higher Education & Research

<table>
<thead>
<tr>
<th>Recent innovations</th>
<th>Planned innovations</th>
<th>Future direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAP Fiori apps for Higher Education &amp; Research - for professors, students and advisors</td>
<td>SAP Customer Connect for SAP Student Lifecycle Management - 2016</td>
<td>Integration between SAP Student Lifecycle Management with CEC (Hybris/C4C)</td>
</tr>
<tr>
<td>SAP Student Lifecycle Management – Optimization for use with SAP HANA software, wave II</td>
<td>Optimization and simplification of the data model of SAP Student Lifecycle Management</td>
<td>HANA platform based higher education solutions &amp; services: Next-Gen Degree Audit and Micro-Services</td>
</tr>
<tr>
<td>HANA Core Data Service Models for key academic processes of SAP Student Lifecycle Management</td>
<td>S/4HANA porting &amp; enablement of SAP Student Lifecycle Management &amp; Fiori apps</td>
<td>Fiori apps for students (e.g. exams/assessments) for faculty &amp; professor</td>
</tr>
<tr>
<td>SAP Customer Connect for SAP Student Lifecycle Management - 2015</td>
<td>SAP Fiori apps for higher education and research – My Personal Details</td>
<td>Course/Event &amp; Professor evaluation for SAP Student Lifecycle Management</td>
</tr>
<tr>
<td>Student Administration – Admissions</td>
<td>New HANA platform-based Student Activity Hub solution</td>
<td>Continuous improvements of SAP Student Lifecycle Management</td>
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<tr>
<td>Student Administration – Registration</td>
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<tr>
<td>Student Recruitment in Cloud for Customer (SAP C4C)</td>
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</table>
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Continuous Improvements 2014/2015

- Provide mass processing in parts of admission process
- Allow further changes in Equivalency determination and include external test results in academic UI
- Deliver new filter and conditions for degree audit
- View incomplete course registrations for students via correspondence
- Mass e-mail communication tool and transactions
- Extend course-registration user interface and functionality
- Etc...

Focus on innovations in core SLcM
Customer Connect 2015

- Delivered **14 improvement requests** submitted by a variety of customers – Q1 2015

- Improvements delivered via notes. Summary in Note 2120448

- Improvements available from SAP ERP 6.0 Ehp 6 release

- Some of the improvements include:
  - Use of full screen in several transactions
  - Automatic credit assignment in Academic Work Maintenance
  - Attribute Capacity is available in scheduled assessments
  - Increase range of keys for version sets of Requirements catalog
  - Change of Advisor process

Focus on innovations in core SLcM
Customer Connect 2016

- **20 improvement requests** are planned to be delivered by end of April

- Customer Acceptance Tests planned to be executed remotely on **April 25-26th**

- Improvements available from SAP ERP 6.0 Ehp 6 and Ehp7 release

- Some of the improvements include:
  - Programs to execute mass activities
  - Additional standard reports
  - New functionality for deleting assessment process
  - Allow periodic entries in academic calendar

- Further Information can be found in: [https://influence.sap.com/](https://influence.sap.com/)

Focus on innovations in core SLcM
Mass Admission and Registration Report

**Improvement Request:** D8808 Programs to execute mass activities in SLCM

- Allows Mass Approval of Admission Application / Creation of Admission Record
- Allows Mass Registration / Re-Registration for Students with Successful Audit
Mass Module Booking Report

**Improvement Request:** D8808 Programs to execute mass activities in SLCM

- Allows Creation of Student Variant / Module & Event package Variant to be used for Booking
- Selection OF Module Booking Context and Enable Mass Module Booking with Parallel Processing
Deleting Assessment Process

**Improvement Request:** D8830 *New functionality for deleting assessment process*

- Allows to delete an existing assessment process / related Audit run and Audit profile
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Optimized for HANA

- **Note 2054348** – Wave 1
  Optimization of SLCM reports/function modules

- **Note 2140260** – Wave 2
  Optimization of SLCM reports/function modules

- **Scope of Optimization:**
  - FM’s
  - Reports
  - BAPI’s

- **Available since EhP7 SP07**

<table>
<thead>
<tr>
<th>Function module</th>
<th>Data Volume</th>
<th>Time before changes (ms)</th>
<th>Time After changes (ms)</th>
<th>% Improvement</th>
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</thead>
<tbody>
<tr>
<td>BAPI_STUDENT_GETDETAIL3</td>
<td>5000 students</td>
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</tbody>
</table>
HANA optimization: running Degree Audits at University of Mississippi

Comparing Audit runs with no enhancements for HANA
- PRA – Running Audits in HANA
- PRD – Running Audits in SAP Production (non-HANA)
CDS Data Models delivered by SAP

CDS delivered as part of SAP ERP 6.0 EhP7 SP12 release

- Admissions
- Registration data
- Module booking data (with Module data)
- Event booking information (Event and Event package data)
- Specialization information
- Student Progression data
- Student Hold/status information
- Student data

Notes to be applied:

- 2272075 - Base / Text CDS views for SLCM module
- 2251457 - CDS views for SLCM module: Admission
- 2283242 - CDS views for SLCM module (note 3)
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Roadmap SAP S/4HANA On Premise (OP) for Student Lifecycle Management

- **2014**
  - Business Suite on HANA (SoH)

- **2015 (Q1)**
  - S/4 HANA OP for Simple Finance 2.0
  - Compatibility of PSM

- **2016 (Q1)**
  - S/4 HANA 1511 OP Enterprise Management
  - Enablement of SLCM

- **2016 (Q2)**
  - S/4 HANA OP Enterprise Management
  - Enablement of SLCM
  - UX Experience
  - Featuring:
    - Simplified User Experience for Student, Professor, Faculty and Advisor roles
    - CDS virtual data models

- **2017**
  - S/4 HANA OP Enterprise Management
  - Simplification (planned)

Compatibility of Finance add-on with:
- Funds Management
- Grants Management
- US Federal Accounting

Enablement of all SLCM business transactions in S/4 HANA including most recent developments on Admissions and Registration
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Fiori Innovation Highlights: Student Lifecycle Management

Student, Professor, Advisor and Faculty roles

- **My Courses**
  - Students can register for courses, add courses to their wish list and view the status of their current registration

- **My Results**
  - Students can display a detailed view of their course results

- **My Timetable**
  - Students can display their schedule by day, week or month

- **Track My Degree Requirements**
  - Students can monitor their grades and other significant appraisals to ensure on-time and successful completion of their degree

- **My Personal Details ★**
  - Students can edit their own personal data such as: Address, Health, Disabilities, Bank, Visa information, Relations, etc.

- **My Advisees**
  - Advisors can get quick and easy access to the students’ grades as well as academic and other relevant contextual information

- **Student Degree Requirements**
  - Monitor students’ grades and other significant appraisals online to ensure on-time and successful completion of their educational program

- **Enter Grades**
  - Professors can grade their students for each sub-appraisal and calculate results for the final appraisal.

- **Student File**
  - Display and print details of Students’ current registrations, examination transcriptions, their educational history and their current administrative and financial status

Solutions today in SAP Fiori apps reference library
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Admission and Registration Overview
Innovation Discovery & Improvement Finder

https://apps.support.sap.com/innovation-discovery/

http://www.sapimprovementfinder.com/public/
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