EduERP

Atelier de Validation des Schémas de Portail Générique et de Plateforme d'Authetification"

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Campus Administration System

School management system some modules include:

- ✓ Student Information System
- ✓ Staff Information System
- ✓ Grading and Transcripts
- ✓ Payment and Identity – SAML and Smart Card
- ✓ Fee Payment (EduPAY) Management System
- ✓ Enterprise Mail and Calendaring – Zimbra and Google Apps
- ✓ Reports and Exports – RSS, XLS, CSV, PDF, DOC

Architecture

- Based on Drupal Framework
  - xAMP – Apache/Nginx, MySQL and PHP
- Extensive use of Drupal Content Construction Kit (CCK), Roles and Permissions
- Drupal API's used to extend functionality of the system

Stakeholders

- Students (New and Old)
- Staff
  - Principal Officers (Vice-Chancellor, Registrar, Bursar) ICT (MIS) Units
  - Academic Staff (Deans, HOD's, Lecturers, Exam Officers)
  - Non Academic (Registry, Admissions, Bursary, Student Affairs)
- Banks and Payment Processors
  - Fee Payment Collection
  - Payment Channel services
- EduERP user & developer community
  - Application Development
  - Open Source Development Project

Key Features

- Web based student and course registration system
- Automated hostel allocation and reservation
- Examination results processing system
- Reporting – matriculation lists, senate results etc.
- Staff information system
- Fee payment (EduPAY) and management system
- Web and Mobile based
- Scalable, extendable and customisable
- Free as in "freedom" software – GPLv2 and later

Google Mail Provisioning

- EduERP can automatically generate a student e-mail address once student has been verified (cleared) to be a student

- EduERP's e-mail provision module is integrated to Zimbra and Google Mail

- Single Sign On allows same credentials used to log into EduERP as Google Mail

- Editing login credentials in EduERP syncs with Google Mail

Benefits as FOSS

Common challenges with custom application development are cost, documentation, need for skilled developers and time to delivery.

EduERP released as FOSS to address these challenges but also to

- ensure greater access by interested institutions.
- ensure institution control with access to view and modify source code
- minimise costs and effort to deploy student and staff information system
- Promote creation and sharing of knowledge amongst developers in higher education

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EduERP

Search:

Overview   Activity   Roadmap   Issues   New issue   Gantt   Calendar   Documents   Wiki   Files   Repository   Settings

⊕ New subproject

Overview

Student and Staff Administration Software for HEI's

- Homepage: http://eduerp.datasphir.com
- Subprojects: UDUMIS, Unijos, Veritas, VUNAMIS
- Contact: eduerp@datasphir.com

🔲 Issue tracking

- Bug: 119 open / 154
- Feature: 50 open / 73
- Documentation: 51 open / 51
- Query: 0 open / 0
- Support: 4 open / 4
- Review: 0 open / 0

View all issues | Calendar | Gantt

👥 Members

Manager: Omo Oaiya, Owen Iyoha
Developer: Alan Barrett, Daniel Nouri, Israel Odigbo, Kayode Odeyemi, Ousmane Wilane, Tim Akinbo
Contributor: Habeeb Salami
Reporter: Blessing Ochigbo, Olayinka Usman, T.C Chad

☐	730	Bug	Resolved	Normal	Paid Fees not Reflecting	Kayode Odeyemi	01/20/2012 05:52 pm
☐	729	Bug	Resolved	Urgent	Missing Clearance Agreement	Alan Barrett	01/17/2012 03:39 pm
☐	709	Bug	Resolved	Normal	Use limited length fields for session (and maybe others) in CCK	Israel Odigbo	10/24/2011 02:29 pm
☐	696	Bug	Resolved	Urgent	Missing Table 'eduerp.gen_fee_item_sku'	Israel Odigbo	10/01/2011 02:03 pm
☐	678	Feature	New	Normal	Registration: Description labels of fields should be placed at the side of the field, not below it	Kayode Odeyemi	09/23/2011 02:42 pm
☐	640	Bug	Resolved	Low	Drupal Status messages do not clear when going to a new page		01/21/2012 03:17 pm
☐	639	Bug	Resolved	Normal	Payment Setting Permissions	Israel Odigbo	07/15/2011 03:40 pm
☐	638	Bug	New	Normal	Re: [#633]		06/30/2011 02:47 pm
☐	637	Bug	New	Normal	RE: [#633]		06/30/2011 02:44 pm
☐	636	Feature	New	Urgent	Test issue with tracker and priority override keywords		06/30/2011 01:18 pm
☐	633	Bug	Resolved	Low	When a new programme is created in Semester Admin you cannot go back and immediately edit it	Israel Odigbo	09/27/2011 09:47 am
☐	632	Bug	New	Normal	warning: htmlspecialchars() expects parameter 1 to be string	Israel Odigbo	06/27/2011 09:18 pm
☐	631	Bug	Resolved	Normal	Updating a Programme Disallows all Course Registrations for that Programme	Israel Odigbo	06/29/2011 03:35 pm
☐	630	Feature	Resolved	High	Script for Provisioning Student e-mails	Omo Oaiya	11/08/2011 07:01 pm

Source code and documentation

Source code – https://github.com/eduerp/eduerp
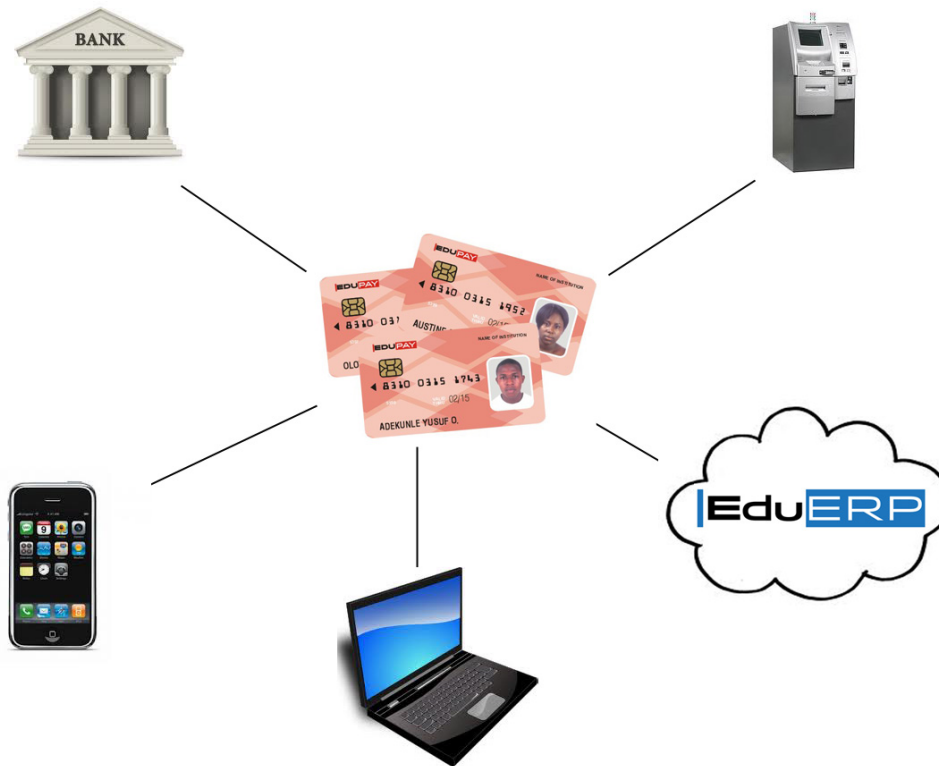
Developer documentation - http://api.eduerp.org.ng/

Installation guide -
https://github.com/eduerp/eduerp/wiki

User guide (English) -
http://www.eduerp.org.ng/help/user-manual

EduPAY Payment SOLUTION

Overview

- Move to cashless society means banks are discouraging use of cash receipts.

- Institutions need to reduce or eliminate cash transactions such as school fee payments.

- Provide greater convenience for fee payments

- Improve reporting on their school fee collections.

- Smart card based payment solution integrated with EduERP for a cashless payment system.

Description

- EduPAY card issued to the students on behalf of institution
- Can serve the dual purpose:
    - Student ID card
    - Payment Card
- Branded with Institutions' logo and contains student name, student picture, faculty, department & matriculation number.
- Card has payment details on chip
- Card of right size can have additional applications – access, loyalty, etc

Benefits

- Cashless transactions
- Efficient and Secure
- Quicker and more convenient fee payment method for students
- Multiple payment channels (Web, ATM, POS, Mobile)
- EduERP payment integration and real-time reports

Merci!

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