

Superior Engineer in Computer Science

Faculty of Computer Science Engineering at UCLM Campus of Albacete

Final project: "Novedades para la docencia en Moodle 2.0"

Get a copy from <http://www.lulu.com/product/ebook/novedades-para-la-docencia-en-moodle-20/16053567>



Alexander Angel Corrochano Moodle expert

Knowledges

Debian, mySQL, PHP, xHTML, javascript, GIT, SCORM, Moodle, XenServer, .NET, python, jasperreport, shellsript, Teaching, bind, sendmail, Joomla!, Drupal, TCP/IP, Alfresco, Photoshop, eclipse, Course develop, english, Apache2, jQuery, SQL, communicative, project management, J2EE, HTML5, heartbeat, bash, Pandora, CSS3, Windows 2003 server, System Administration, Networking, chinese, OpenOffice.org...

Contact

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Experience

Teaching: e-learning, blended and presental learning projects.

Developing: desktop and web modules and aplications, elearning courses.

System and Network Admin: design, deploy and maintain LAN and VLAN.

Leading: thanks to the work of my employees, we finalized a lot of projects successfully.

Languages

Spanish: Mother tonge

English: Reading: good
Writing: good
Oral: good

Chinese: Reading: basic
Writing: basic
Oral: basic

Clients and projects



Personal project



<http://www.edocencia.es>

Experience in ISIT technologies (2006 – 2010)

As owner and technical director of ISIT Technologies, I worked in all aspects around e-learning, system design network architecture, deploying web applications (Moodle in the most cases offered as SaaS to costumers), graphic design for web sites, and implementing new functionality, as well ad design and implementation for courses on demand and own courses.



Examples of projects and clients:

iFormacion

MoodleSocial

CESLCAM

FIB

CEEI Albacete

EKYPO

EURADIA INTERNATIONAL

FEDA

WEB: <http://www.iformacion.es>

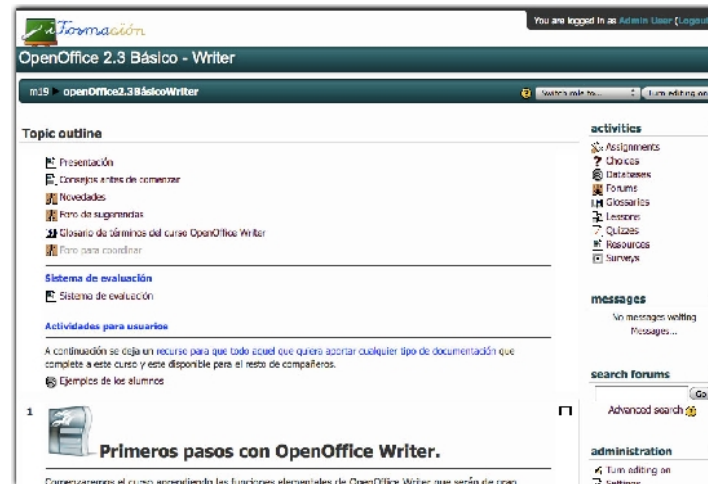
RESUME: iFormacion is the trademark behind e-learning product from ISIT Techonologies. This domain is used to offer low cost subdomain for costumers and had the e-learning platform to teach the ISIT Techonologies's courses.

MOODLE INSTALLED VERSION: 1.8 updated to 1.9

THEME DESIGNED: we used a lot of themes in this platform, utilizing it as the platform for trials and demos.

SPECIFIC DEVELOP: new user fields, several reports programmed, enrollment in course mechanics, integrations with e-commerce platform, integration with Joomla CMS.

COURSES DEVELOPED: "OpenOffice.org in the office", "Get your own site with Joomla!", "SugarCRM", "Security in Windows XP", "Molinux operative system", "System administration with Molinux infrastructures", "Internet tools", "Moodle handbook for student", "Moodle handbook for teachers", "Develop directive skill in the enterprise". All of these courses have been developed using the Moodle tool that has been exposed to students. The resource "Lesson" are the key in all these courses for grant the knowledge of the student, making question to him about the content for each page of content that are exposed in the course.



First theme for version 1.9



Discarted theme

MOODLESOCIAL



theme v1 (2006) – Front page



theme v2 (2009) - Front page

WEB: <http://www.moodlesocial.com>

RESUME: Moodlesocial born as initiative of ISIT e-learning to offer a free space to teachers that want to make a formative action in a site where can share him experiences with another teachers an profesional how help him in basic necesities.

MOODLE INSTALLED VERSION: 1.8 updated to 1.9

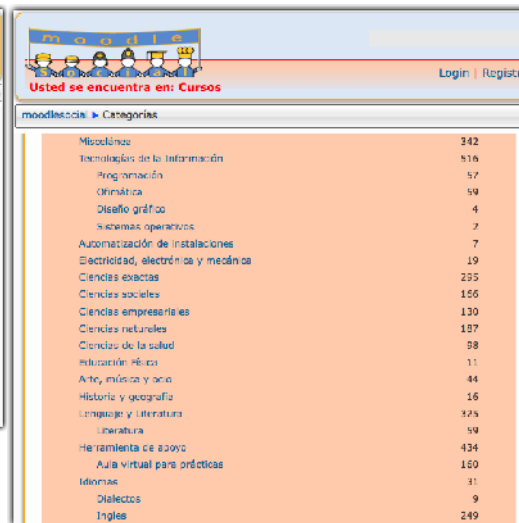
THEME DESIGNED: this platform has have 2 themes in its life, both of them designed for me.

ESPECIFIC DEVELOP: fields information for users, lot of reports programed, inscription in course mecanims, facilities for manage large numbers of course requests, tool for avoid spam, special front-end designed for help users in his common actions.

COURSE DEVELOP: for help to user of MoodleSocial, we offer completely free access the courses “Moodle for teachers” and “Moodle for students”. The user get help with content that could be usefull as example for his future courses, and get the possibility to communicate with expert that could help him in the design, implement or tutoring course. More than 3000 courses form part of Moodle Social project.



theme v2 (2009) – Into a course



Partial category list of courses included in the project

CESLCAM

WEB: <http://www.bilib.com>

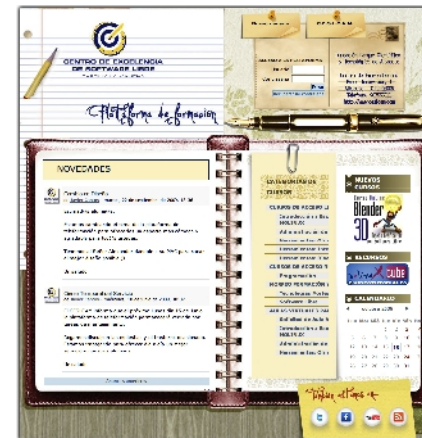
RESUME: now known as BILIB, the CESLCAM was a regional entity borned in 2006 to had to know and promote Free Software and its philosophy. They were our principal costumer and we become to their exclusive e-learning provider for help them to educate to citizens in Free Software application and Free Software philosophy and benefit.

MOODLE INSTALLED VERSION: 1.8

THEME DESIGNED: design a principal theme, updated year by year, and new themes for specifics courses. Expecial effort in a theme designed by get a clean interface for certification plan where must grant the easy interaction to student with evaluation course.

ESPECIFIC DEVELOP: CESLCAM become as certificayer entity who need many tools and adaptations from standard moodle code to collect many student data and offer them great facilities to reach the end of courses.

COURSE DEVELOP: as our principal client and exclusive e-learning provider, I had involved in all courses design, developing enterily some of this courses. Several of this courses was designed as MOOC, looking for a interactivity and auto feedback progress to students.



concept theme discarded



First theme (2008) – Into a course



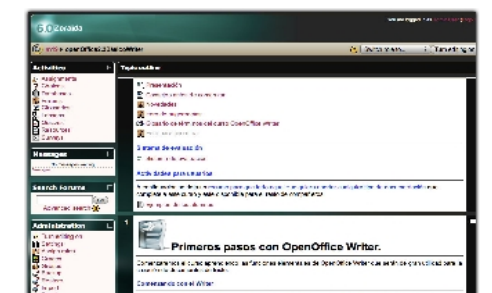
autogenerate certificate example



Theme designed for "Molinux 6.2" course



Theme year 2010 – Into a course



Theme designed for "Molinux 6.0" course

FIB (FUNDACIÓN ÍNSULA BARATARIA)

WEB: --closed--



Insula Barataria Campus Front Page



Inside a course

RESUME: the Insula Barataria Foundation was a governmental foundation that was born to transmit knowledge to Castilla La Mancha citizen. In year 2008 ISIT was become as its official e-learning provider, bringing to foundation the tools to form a very dispersed comunity of students in knowledge about I.T.

MOODLE INSTALLED VERSION: 1.8

THEME DESIGNED: only one theme was designed for this project, adapted to the Insula Barataria Foundation directives design.

ESPECIFIC DEVELOP: we had designed tools that grant the confidence of students, schedule a entirely program for tutors, make exhaustive reports for make the tracing of multiples scopes, autogenerate certification and mechanims for validate it.

COURSE DEVELOP: we deployed a first group of courses in SCORM format, and developed 2 more courses (both of them in Moodle format) for complete the entirely catalog for the last proyect of Insula Barataria.

WEB: <http://ceei.albacete.iformacion.es>

RESUME: CEEI Albacete is a local governmental entity created to help enterprises to get started. This entity had need to constant formation maintenance for the new enterprises and its courses was its principal request for our services.

MOODLE INSTALLED VERSION: 1.8

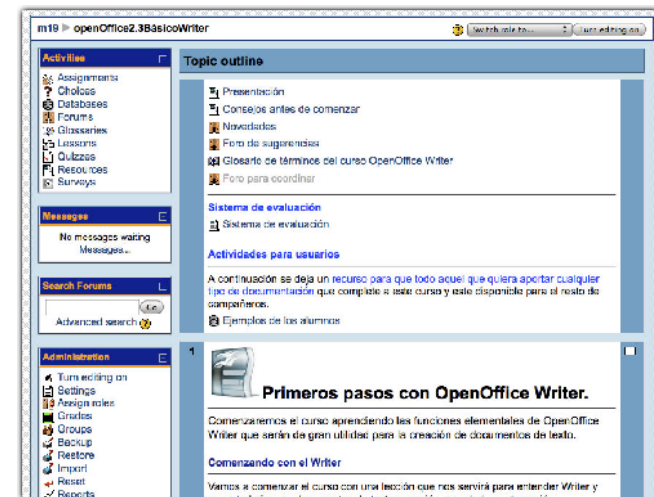
THEME DESIGNED: the first theme was designed inspired in the appearance of its web site. The front end of moodle instalation was cofigured for facility to student to locate the first steps in the platform.

ESPECIFIC DEVELOP: personalized user form and reports of activity.

COURSE DEVELOP: the creation and maintenance for courses and tutoring to students was the principal job that I had made for this client. For three years I had adapted the content wrote by experts in enterprise concept into 20 e-learning courses with the Moodle tools.



CEEI Albacete Front End



Inside a course

EKYPO



EKYPO virtual campus login page



EKYPO virtual campus: into a course

WEB: <http://campusvirtual.ekyपोformacion.com>

RESUME: EKYP0 is a consulting firm specialized in formation to their clients about productive process, especially about green energy. They need a way to reduce formation cost and grow the formative infraestructure for get distance clients. We offered them a virtual campus infraestructure, formation plans for they teachers and help for transform their presential classes into e-learning courses.

MOODLE INSTALLED VERSION: 1.8 updated to 1.9

THEME DESIGNED: the first theme was designed inspired in the aparence of their web site, that is the entrance to the virtual campus. The virtual campus is configurate as private campus, only register users could get the content inside. For this reason EKYP0 ask to us an especial design for login page.

ESPECIFIC DEVELOP: personalized user form and reports of activity that help them to transform the tradicional procedures into a online procedures (entirely paperless).

COURSE DEVELOP: we designed an especial formation plan for EKYP0 administrative and teacher staff for get become them productive formation process into a e-learning formation process using Moodle as virtual campus.

EURADIA INTERNATIONAL

WEB: http://euradia.iformacion.es

RESUME: EURADIA INTERNATIONAL is a consulting firm specialized in the management of the knowledge applied to the realization of concrete projects for the need of its clients. They need a online platform for make possible the coordination of all them formation actions and plans between all their office around the world.

MOODLE INSTALLED VERSION: 1.9

THEME DESIGNED: inspired in the aspect of their web site, we transform the old aspect into one more adequate to actual trends in web design.

ESPECIFIC DEVELOP: mechanisms for asking for information request, allow social network environment, documental repository integration, special content designed for inform to users.

COURSE DEVELOP: we format to administrative stuff in the use of the virtual campus and all their personalized tools.



EURADIA virtual campus: Front end



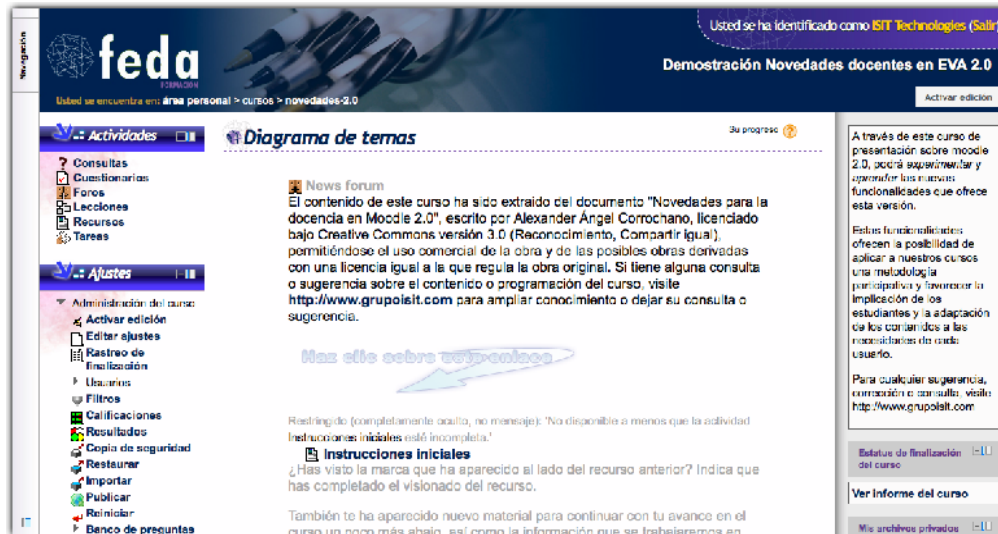
Configurable block for allow to user for request information

Sent data						
Total: 1						
Name	Course	Question	E-mail	Date	Time	Action
Alex	OpenOffice	When course start?	alex@example.com	02/12/2012	11:08:30	Remove

Download PDF OK
Delete all fields

Administration page for manage the information requested

FEDA



FEDA virtual campus: standard theme

WEB: <http://campusvirtual.feda.es>

RESUME: FEDA is a Confederation of Entrepreneurs located in Albacete (Spain). One of the services of this confederation are offer to their associated is the formation. For this service they need a system that allow to them for reduce formation cost and get a solution that permit to adapt the class at real needs and availability of students.

MOODLE INSTALLED VERSION: 2.1

THEME DESIGNED: the client request for two themes for disting the character of course and adapted to their corporative design.

COURSE DEVELOP: we format to administrative staff in the use of the virtual campus.



FEDA virtual campus: theme for business school courses

LA SALLE ARLEP DISTRICT 2011-2012

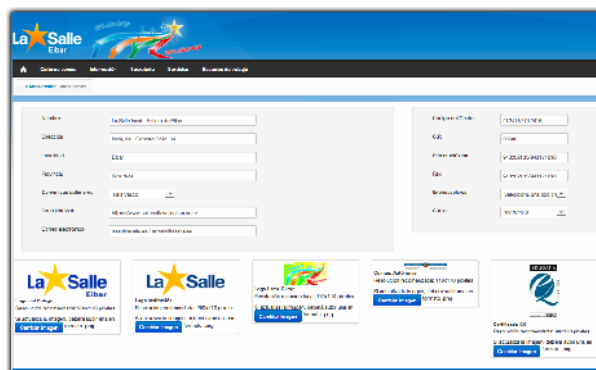
In October 2011 I had been contract by La Salle for be part of SalleNET project.

La Salle is the name of several educational institutions affiliated with the Institute of the Brothers of the Christian Schools, also known as the Lasallian Brothers, a Roman Catholic religious teaching order founded by French priest Saint Jean-Baptiste de la Salle. The ARLEP district are the instituons in Spain and Portugal.

FUNCTION: resolve questions of implementation of courses, modules and repair program new Moodle modules running training platform for 68 teaching centres.

REMARKABLE: in 8 month I have changed the working methodology of the group of developers, make them more efficient, repercuting in client satisfaction.

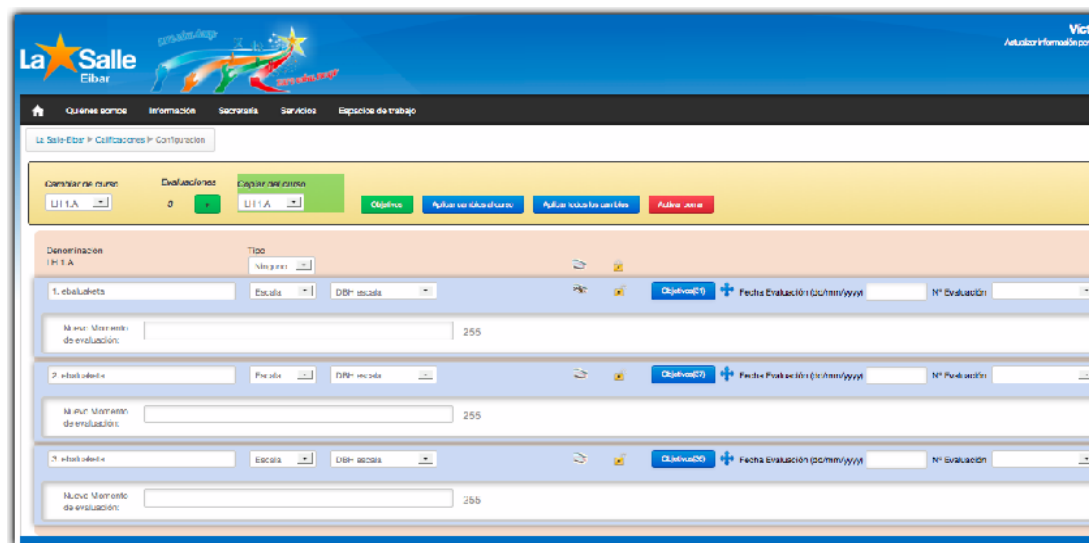
I began the change in programing paradigms, I had programed many reports and I updated the way for administration of servers and platforms.



Screen for config the center data



Interface for indicate the caracter of subjects



Calification book configurator for an entirely course (many subject at same time)