



Case Study



Icreon

The Homework Site

Assignments and Evaluations Management

Environment Reclamation Services (ERS) is an Erie based company. Since the time of its inception in 1990 this company has been collecting funds through recycling business. ERS ventured towards the field of education and wanted a platform wherein the parents, students and the teachers could interact with each other by posting homework assignments and other relevant information. Icreon analyzed the various requirements of the company and provided the perfect solution by developing Homework Site.

Customer Profile

Environment Reclamation Services is a US based company dealing with very novel environment conservation methods through fundingfactory.com. The company has currently more than 25,000 organizations in the US, enrolled in this program. They recycle printer cartridges and used cell phones and exchange them for contemporary classroom equipments.

Business Requirements

Environment Reclamation Services were looking for an interactive platform for the teachers, parents and students. This platform should be able to fulfill the following requirements:

- Provide a common stand for the process of online transferring of homework assignments between the teachers and students/parents
- A web based event centric interface wherein the teachers can place valuable information about any educative event that the teachers are planning for the students.

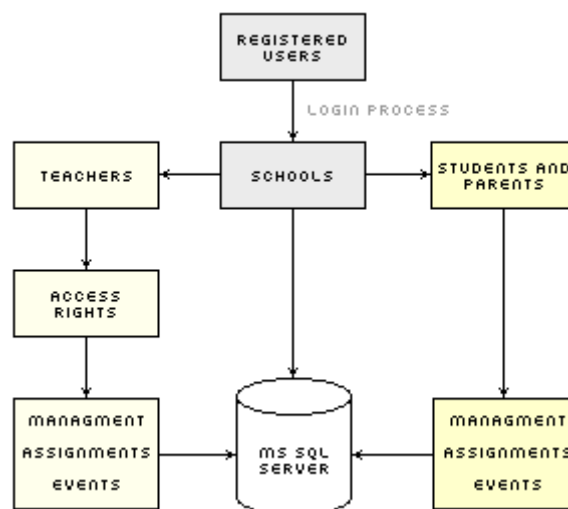
ERS required a solution to simplify the process of distribution and submission of homework between teachers and students online. They wanted a framework wherein they could promote their already existing website fundingfactory.com and thereby increase awareness among people about the benefits of recycling.

Solutions to Bridge the Educational Gap

Environment Reclamation Services were looking for a solution that would act as a bridge between the teachers, students and their parents. An informative application that would be used by teachers as well as students to post assignments as well as for the purpose of advertisement of any events that were being planned by teachers. To adhere to all these requirements Icreon came up with the following solution:

- Integration of a three-tier architecture system to enable teachers, schools and parents/students to manage the assignments posted on the application.

- Content Management System integrated in this web based application makes it administrator friendly as the assignments and the events on the web application can be updated regularly.
- Integration of User Role and Specific Access Levels has made the web application right protected. The users have been enabled with their own specific rights and can access only particular levels of the application.
- The parent/student module has been incorporated which enables, parents/students to select the school, subjects and teachers; access the View Assignment module wherein new assignments have been posted and get a customized view of the Calendar of Events – events organized by their teachers.
- The teacher's module has been integrated to enable the teachers to create new classes with the help of the Class Module, post assignments through the Assignment module and post events into the Calendar of Events.
- Integration of a sub module of personal settings, known as My Settings: where the teachers can add their own grades, subjects and manage assignments.
- Integration of an advertising module enables the administrator to post and control advertisements on the web application.



Technologies used in developing this application are:

Microsoft
SQL Server 2000

Microsoft
Windows Server System

Microsoft
.net

Summary

The Environment Reclamation Services wanted a web based interface to organize and simplify the process of assignment interchange. They wanted a customized solution for the purpose to cater to students and teachers of variable classes and schools. The Homework site developed by us provided a solution to all these aspects of online assignment submission.

The Homework site will empower the Environment Reclamation Services to achieve the goal of a better peoples network in order to spread the message of conserving the environment and will also be the perfect stand for a productive interaction between parents/students and teachers.