



## Case Study



**Icreon**

# Assignments and Evaluations Management

**Our client is a US based company. Since the time of its inception in 1990 this company has been collecting funds through recycling business. They 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 the assignment and evaluation management system.**

## Customer Profile

Our client is a US based company dealing with very novel environment conservation methods. 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

Our client was 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.

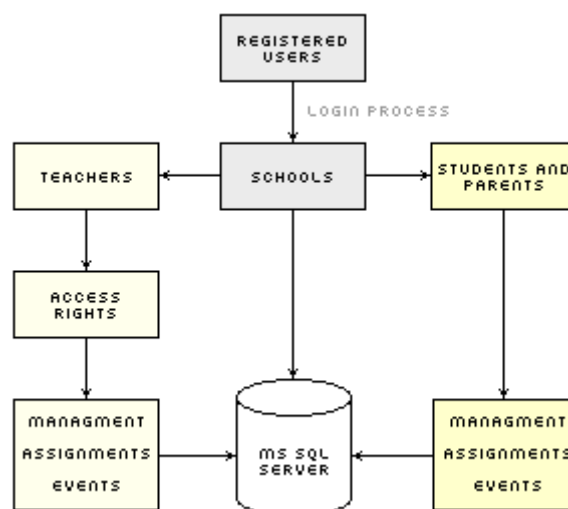
Our client required a solution to simplify the process of distribution and submission of homework between teachers and students online. They wanted a framework wherein they could promote their already existing website and thereby increase awareness among people about the benefits of recycling.

## Solutions to Bridge the Educational Gap

Our client was 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.
  - They can access the View Assignment module wherein new assignments have been posted by the teacher of their choice.
  - They get a customized view of the Calendar of Events, that is, events of teachers (of their specific grade and subjects) are displayed which keeps them updated on the informative and educational events being organized by their teachers.
- The teacher's module has been integrated to enable the teachers in the following:
  - Creating new classes with the help of Class Module.
  - Posting the assignments for the students through the Assignment module.
  - They can post events into the Calendar of Events that is displayed for each student/parent as per their subscription, thus providing an interface to communicate and helping them to keep a track of important 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:



## Summary

Our client 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 solution developed by us provided a solution to all these aspects of online assignment submission.

The solution will empower our client 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.