

Intelligent Corporate Solutions

Education

An Intelligent School System - Based on Oracle Applications

Objective

The objective of the solution was to empower parents, teachers and management with information about students from the day they join the school until the day they leave for higher education. The overall aim was to have one system, with one database that met all the requirements of a school but also could seamlessly integrate with Oracle e-business suite 11i.

The Solution

Keeping the objective in mind, ICS designed and developed an application for schools that is seamlessly integrated. It connects all the departments to one single system thereby reducing duplication of data entry and allows for easy sharing & retrieval of information by all the stakeholders such as Teachers, Parents and the School Management, etc.

The Intelligent School

The School of Creative Science (SCS) is the first and only school in the UAE and also perhaps in the Middle East region using Oracle Applications – E Business Suite for its Financial operations & the i-School system for the other school related tasks.

Modules within Intelligent School

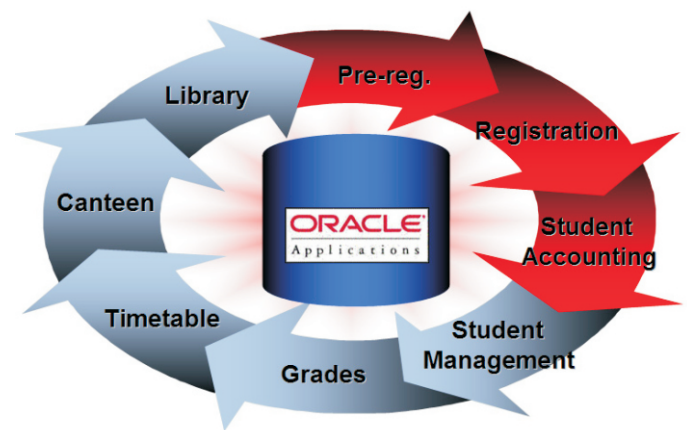
ICS developed different modules called 'extensions' to cater for various areas of the school, thereby making the solution modular but still integrated.

Module Extensions:

1. Pre-Registration
2. Registration
3. Student Accounting
4. Student Management
5. Grades & Assessment
6. Time-Table
7. Library
8. Canteen

Oracle Applications E Business Suite Modules:

1. Oracle General Ledger
2. Oracle Receivables
3. Oracle Payables
4. Oracle Fixed Assets
5. Oracle Cash Management
6. Oracle Purchasing
7. Oracle Inventory



Customer Testimonial

This what one of our customers had to say about the system:

Today, everything we do is totally integrated from the minute a parent comes to register a child until the day that child leaves the school all his details are on-line. The intelligent school system allows us to extract reports that provide meaningful information to help us formulate our long and short term strategies.

The system updates our website to enable our parents to view their child's day at school. For example, a parent can log in from any part of the world to see if their child attended school, the homework they received, right down to what they had eaten in the canteen that day.

Taking technology to new heights for a school, our parents are also sent SMS and Email as and when we have events or for exam results, financial status statements, etc. Our system has built in SMS and email facilities to allow our teachers to communicate effectively with our parents.

"By introducing Oracle; reported to be one of the best applications in the world, SCS is striving to deliver the best education using the best technology in the market. The implementation of Oracle e-business and the Intelligent School system sets a new trend in the Middle-East. I am proud to say we are perhaps the first school in the region to have this ground breaking technology at our school. I'm sure others will now try and emulate."

ICS have done an excellent job not just developing the solution but understanding our complex requirements. They have delivered this solution ahead of time and within budget and their performance on this project has been superb. I think they have done justice to Oracle being one of their partners, said Mrs Griffin, School Principal"

Website: www.scs-sharjah.com

Brief Description of each extension

Pre-Registration

thin this module Student Inquiries and Appointment details are entered and managed. Based on this, parents are informed about Pre-Registration Exams and Interviews that will be held for the student. Booking of slots for this are managed on the system and results of the exam & interview are entered here.

Afr this if the student is successful, he/she is enrolled in to the school.

Registration

While enrolling the student the following are captured in the registration module:

- The Family / Student(s) Details
- System allocates a unique Family Number which is used throughout the System
- Student's photograph uploaded and used throughout the system
- Grades / Class allocation for students
- Other details like medical condition, special needs and disclaimer are entered as well.

Student Accounting

- The student accounting module is used for entering and managing all types of fees.
- It has customized billing codes for easy, accurate and flexible information and reports, including: invoices, receipts, deposit lists, past due and late fee lists, and statements.
- The module seamlessly integrates (link) with Oracle Applications for MIS reporting.

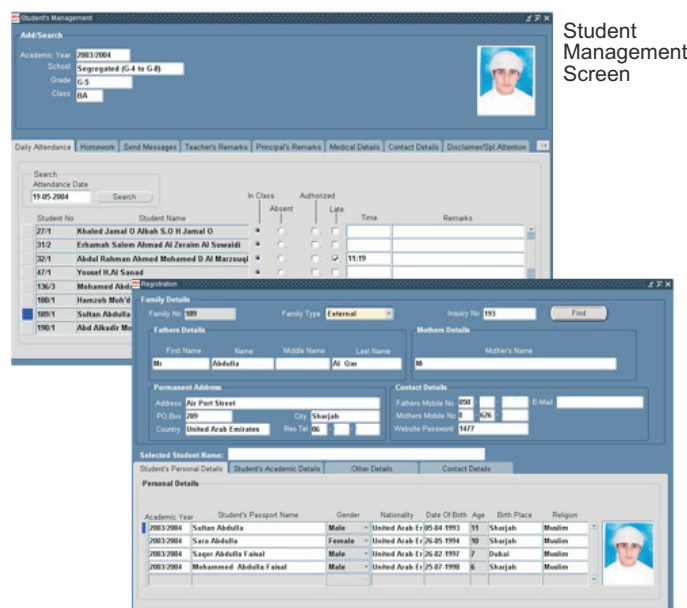
Student Management

The student management module is used for the following

- Absence / Late details by student
- Teachers enter and monitor student's homework
- Teachers and Principals remarks
- SMS & Email messages to parents
- View vital and general student information in one place such as medical condition, emergency contact

Timetable

- Time table for every grade / class by Teacher
- Teachers' profiles for parents viewing available on the Website
- Optimum utilization of teachers' time / workload.



Student Management Screen

Student Registration Screen

Grades & Assessment

- Students' academic results online
- Students' Appraisal Details of various subjects online
- Monitor students' academic performance at a detailed level
- Results published on the Website with option for SMS.

Library

- Complete details of library resources available online
- Bar coding functionality
- Complete borrowing details and tracking by student
- Search facility across the school to check resources available in the library
- Fines and collections are seamlessly integrated with Oracle Applications

Canteen

- Swipe Card for every student
- Advance and consumption details
- Daily spending limit monitored
- Cash advances for the canteen are seamlessly updated on website
- Receipts and sales are seamlessly integrated with Oracle Applications