

Education Management Information System (Edara)

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Over the last few years, over forty World Bank education projects have had components related to the development of education management information systems. These systems should fit the particular environment into which they are introduced and this is especially the case in countries struggling to meet education-related Millennium Development Goals (MDGs) by 2015, which typically have great needs related to data collection, analysis and dissemination. Most education information management systems were originally designed to be management tools but are gradually being perceived as indispensable tools and support system for the formulation of education policies, their management, and their evaluation.

Edara is an educational platform that collects, stores, processes and analyzes data, serving as a tool for enhancing educational systems and policies. It also establishes a comprehensive, efficient and sustainable educational information database at the national level.

Edara is the ideal tool for providing timely, relevant, reliable, and clear quantitative and qualitative information regarding the status and progress of education in a country.

Edara also provides strategic planning, progression analysis, identification and monitoring of risk, in addition to requirement indicators. Edara is available in Arabic, English and Kurdish but is a multilingual system which can be adapted to any language of choice.



Solution Features:

Modular base that supports the following:

- Schools and Educational Bodies
- Inventory Module
- Student and Examination Module
- Human Resources Module
- Payroll Module
- Student Surveys Module
- Announcement Module

Reporting engine

Technology:

This System was developed using 3-tier architecture utilizing Microsoft Technologies and Servers:

Microsoft .Net

K2.net for process automation and workflow engine



References:

Edara was implemented at the Ministry of Education in Iraq and currently supports 23 on-line directorates, 6.5 million students and 300,000 teachers.

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Solution Benefits:

- Enhanced data collection and analysis
- Mapping of the national educational situation
- Improved planning for physical and human needs
- Facilitation of a systematic and constructive engagement of different stakeholders
- Improved organizational efficiencies and management of sector-related costs
- Greater information sharing and transparency in the education sector
- Meeting objectives related to national educational reforms and Millennium Development Goals (MDGs)
- Sustained educational reform
- Assessment of implementation, effectiveness, and impact of education policy, in addition to subsequent adjustment and follow up plans

