

The KnowledgeGrid (Knowledge Sharing & Learning Management Solution)

Education is fundamental to the growth and development of a country, ensuring its competitiveness and progress.

The main challenge faced by most countries is to offer equal and quality education for all schools regardless of location.

The KnowledgeGrid offers a total solution that enables active learning, resources sharing and collaboration without constrain of geographical location or time.

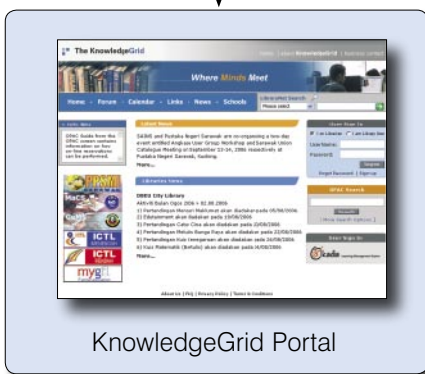


Components for Knowledge Sharing & Learning

K12 Schools

Learning Management System

- Teaching Tools for Teachers
- Resources for Teacher's Lifelong Learning
- Student's Progress Management
- Student's Personal Page



Library Management System

- Manage Library's Operation
- Share Multiple Libraries Resources through Union Catalogue
- Share Access to Electronic Databases Subscription

Digital Media Collection Management System (DMCS)

- Manage Video, Audio, Picture and Electronic Document
- Enhance Learning Experiences

- Digital Space supports communication and collaboration
- Federated search combining all online resources

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Learning Management System



Akadia is an on-line learning management solution designed to allow teachers to complement the day's teaching.

Targeted at K12 Schools, Akadia allows the teacher to publish revision notes, track students' progress and communicate on-line with students as well as parents.

Akadia also offers a module for training of teachers. This module allows Education Ministry to provide training materials, articles and other teacher aids to the teachers. Sharing of teaching experiences can also be included here.

Library Management System



Library Management Solution

CORE MODULES

- OPAC (site)
- Cataloging (user)
- Serials Mgmt (user)
- Acquisition (user)
- Member Mgmt (site)
- Circulation (site)
- Bulk Loan Mgmt (site)

EXTENDED MODULES

- Stock Checking (user)
- Inter-Library Loan (site)
- Resource Scheduling (site)
- Internet Access Control & Billing (site)
- Electronic Document Delivery & Payment (site)
- Selective Dissemination of Information - SDI (site)

INTERFACE MODULES

- Video On Demand Solution
- CD Edutainment Solution
- Electronic Database Management Solution
- On-line Payment Solution
- Self Check Interface

Angkasa is an integrated Web-based Library Management System developed to support the Learning Community.

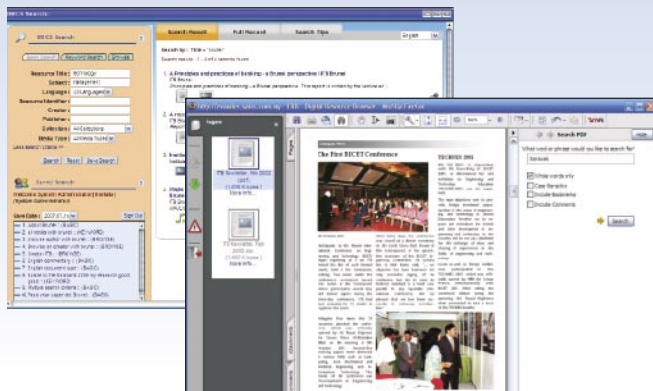
It harnesses the strength of the Internet and web-based technology to provide features that extends beyond conventional library management functions.

It extends library services outside of the confines of the library walls and library opening hours.

It empowers library users to be self-sufficient and they are able to conduct searches and transact with libraries over the Internet.

It supports single interface to a combination of materials in catalogue such as book titles, CDs, and all other multimedia contents to enhance learning experiences.

Digital Media Collection Management System (DMCS)



Digital Media Collection Management System (DMCS) is a web-based system that supports digital content storage, cataloging, searching and delivery of digital media files.

Audio, video, image and electronic document stored in the system can be delivered to a student's desktop, facilitating the learning process.

DMCS adopts Dublin Core as its metadata standard for cataloging of digital media.



This solution was showcased during the World Congress on IT 2008

WITSAs World Congress on IT 2008 - May 18-22