African Virtual Open Initiatives and Resources

KEWL.Nextgen

Next-generation e-learning system

Free Software Innovation Unit

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Overview of KEWL.NextGen

- Both a Learning Management System and a Content Management System
- Consists of a central system with optional modules.

Learning Management System

- Features allow the management and tracking of the interaction between the learner and the content & the learner and the instructor.
  - FAQ, Discussion Forum
- Additional features perform student registration, allow the instructor to track learner progress, record test scores, and indicate course completions and assess the learners performance
  - Formative Assessment: MCQ Tests, Essays

Content Management System

- Features allow for the creation, modification, archiving and removal of information resources.
    - Context: Course admin
    - Content uploading and viewing

Virtual Meeting Place

- Features provide a space in which learners can meet, discuss and collaborate on multi-institutional projects.
  - Chat
  - Discussion forum
- Space in which individuals can interact and form relationships on an international level
  - Personal Space: home page, buddies
  - E-mail

Innovation Examples

- Active Dynamic Mirroring
  - Allows institutions to run multi-institutional e-learning programs, host a local server for fast access, but still allow inter-institutional collaboration.
- Multi-lingual Interface
  - KEWL.NextGen is easily translated into another language, and we provide an easy-to-use desktop application that can be used offline for this purpose.

Innovation Examples

- Offline Content Authoring
  - We provide an offline authoring tool that allows content to be authored offline and saved to the server as easily as saving locally
- Problem Based Learning
  - Based on the latest approach to medical education, problem based learning allows for collaborative online problem solving