LMA Tool

Short description

<u>LMA is an authoring tool used to create at the same time e-Learning and Interactive board content.</u>

The name of the product is an acronym for Lesson Management and Authoring Tool. So LMA is designed to help the content experts convert their expertise in electronic Lesson. The term lesson is used according to the AICC Hierarchy. The term lesson is defined as "A meaningful division of learning that is accomplished by a student in a continuous effort -- that is at one sitting". In technical terms, with the help of LMA the content experts can create AICC assignable units or, according to the other e-learning standard SCORM, Sharable Content Objects SCO's. Thus LMA can be used as an authoring tool for e-learning, CBT lessons and Interactive Board content at the same time.

LMA is SCORM compliant , therefore lessons created with LMA can be viewed from any e-learning platform, such as for example Moodle, DimDim, Dokeos, IBM LMS etc

The LMA lesson will be delivered to the users that have the credentials to log in the LMS system. A set of LMA lessons can also be paced as a SCORM package and loaded in any LMS.

Content and Lessons created using LMA is structured under the SCORM and AICC descriptions.

The LMA lessons can also be delivered as independent CBT lessons without the support of any LMS platform. The output of the LMA is a web based lesson that can be viewed by the target group from any system that can support flash player: Windows, linux, Mac. They can be delivered from the web (i.e. the author can upload the LMA lesson to a web site and distribute the URL to the students) or they can be delivered as stand-alone file based content (i.e. the author distributes the LMA lesson and the student can view the lesson without the need of an internet connection). With LMA the teacher can create the lesson at home and then use the lesson in the classroom to enhance the teaching experience.

For the classroom environment the LMA offers extra tools that can be used in combination with an interactive board. The Toolbar attached, has a Patent Pending design, designed and implemented also by the applicant.

The Toolbar supports and provides an essential quantity of tools, has a modern design, flexibility for the end user, features that make it very easy for users with special needs to use (magnification, colors, tele control, structure of menus).

The interactive board is the new tool for the teacher and LMA supports this exciting new technology. Any LMA lesson can be equipped with the interactive board toolbar. Whether the LMA lesson is delivered through the web (e.g. for the school web site) or from the file system the IB toolbar can be used by the teacher to boost the effect of the content created with LMA. Most important the LMA lessons are compatible with any interactive board and do not require any IB specific software.

As a conclusion the main features that identify the LMA application as an exceptional prototype and advanced authoring tool are:

- User can create e-learning lessons and Interactive Whiteboard lessons at the same time with just a few clicks.
- Previewers support WYSIWYG feature
- Look and feel of the lessons can be customized
- Easy to use. No special computer skills are required.
- Create flash-based e-content that is viewable with any browser. No special player needed.
- Compose Interactive Board content easily. Pop-up windows, Interlinks, images, sound, video, animation, graphics and other multimedia are supported.
- Once selected, embeds automatically the provided powerful and Patent Pending Conceptum Whiteboard Toolbar which is board independent.
- Use of the lessons on any kind of Interactive Whiteboard or with any Web Browser.
- Extract easily Interactive Board content as SCORM compliant e-learning lessons and share or distribute it.
- Reuse the content created by the members of a team.
- Easily use and expand the Library of the created content.
- Include easily an essential number of quizzes of several types with a click.
- Supports modular and integrated production. Exchange lessons or parts of a lesson with other users.
- Supports the use of the exported lessons by users with special needs
- Supports enrichment of content by the user
- Supports save and upload of content created
- Output is practically hardware and software independent
- LMA is continuously upgraded

In conclusion LMA offers "create once use everywhere". The content expert or the teacher can create an LMA lesson and the deliver if through an LMS system, through the web or as stand-alone. The lesson can be used for self-paced learning and/or for tutored learning. It can be used in any system and if an interactive board is available it supports the IB features.