elda: a guided adaptive interactive mooc system

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Objectives
One of the problems observed in Massive Open Online Courses (MOOCs) was high dropout rate. eLDa platform has the following factors to aid participants.

1. Create motivation
2. Boost the enthusiasm of the learners
3. Encourage effective discussion forum
4. Contact to instructor
5. User friendly interface

Introduction
Online systems have evolve around the world, even with these high publicity, lot of people are not completing the course hence leading to the high dropout rates hype in papers and the media. eLDa is a new platform developed to motivate learners to participate to the end.

1. Providing badges to all that logged in.
2. Tutor online support to private messages
3. Showing the level of progress in the module
4. Award certificate

Course & Methodology
The following components are elements in the course design. Analysis showed first two weeks.

- Interactive components
- Lesson prerequisites
- Limit login to 3 attempts & block suspicious IP addresses.

Flowchart Architecture
eLDa flowchart showing a linear structure of the course and the path in which the learners should follow to achieve their goals in the course.

Analytics Summary
These eLDa analytics were captured between the first one week of the course going live.

Conclusion
- Very interactive and guide the learners in a structure path of study.
- eLDa is a simple and easy to understand learning platform to motivate effective learners participation.
- The components of the system are easy to follow.
- Security against intruders and login attempts enforced to prevent unauthorized access to the eLDa learning platform system.

Future Research
Carrying out experimental research on the two cohorts. The first with lesson prerequisite while the second will be running afterwards without any prerequisite. After these cohorts experimental research will be conducted to ascertain the learners’ most preferred learning mode. The two modes are: eLDaMOOC with prerequisites and eLDaMOOC without prerequisites.

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References