EXPLORING USER CHOICE AND SELF-REGULATED LEARNING IN A NOVEL E-LEARNING PLATFORM (eLDa)

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OBJECTIVES

An online learning system developed to meet learners needs known as eLDa MOOC. The idea was to design a self-mode study and instructor led support mode. eLDa combines two mode of self-regulated study and a means of communicating with the tutor by way of Private Messages.

1. Personalized study
2. Self-pace
3. Adaptivity
4. Content Recommendation/Prerequisite
5. Course Progress

INTRODUCTION

eLDa is an online MOOC course platform which gives the learners the ability to decide the pattern of their studying habit. The course is a guided structure adaptive course which will allow the user to navigate as they so wish or follow the instructional way provided to accomplish their learning and set goals. The course focuses on three areas:

1. Computing concepts
2. Python programming
3. How to teach computing curriculum

Course Structure

eLDa learning platform has the following interactive and motivational components:

- Comment box
- Badges
- Certificate of completion
- Private messaging
- Quiz
- Survey

The idea behind this course platform was to combine learners self-regulated study and the instructor led facilitated learning. eLDa learning platform allows learners to engage with the course lessons as follows:

- Self-pace mode
- Instruction led
- Content adaptivity
- Lesson prerequisite

RESULTS ANALYTICS

The analytics results was obtained within the first 4 days of the course going live. The course was officially launched on the 7th May 2015. First few days shows 93 visits about 82.80%.

Table 1: Shows first few days of learners visits

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CONCLUSION

We are able to track our learners learning pattern to enable us improve on their studying mode and experience.

REFERENCES


FUTURE RESEARCH

To carried out experimental study on guided instructional study and self-regulated mode. The result will be evaluated to understand learners preferences between both modes of study established within eLDa Learning Platform.