

INTERNATIONAL CONFERENCE ON MATHEMATICS,
NATURAL SCIENCES, AND EDUCATION -
MANADO, 2015

UTILIZATION OF MOODLE TO SUPPORT DIGITALIZATION IN LEARNING

Andi Asmawati Azis
Universitas Negeri Makassar

BACKGROUND

EMERGENCE OF DIGITAL TECHNOLOGY

EMERGENCE OF DIGITAL TECHNOLOGY HAS THE POTENTIAL TO ENHANCE THE QUALITY AND EFFECTIVENESS OF TEACHING AND LEARNING, ONE OF WHICH IS MOODLE

PROBLEMS IN THE CLASSROOM

ONE OF THE COURSE THAT IS PERCEIVED AS DIFFICULT TO COMPREHEND AMONGST UNDERGRADUATE STUDENTS IS HUMAN ANATOMY AND PHYSIOLOGY

POTENTIAL USE OF MOODLE

MOODLE AS A TYPE OF LEARNING MANAGEMENT SYSTEM CAN BE UTILIZED TO SOLVE THE PROBLEM FACED IN HUMAN ANATOMY AND PHYSIOLOGY CLASS.

UTILIZING MOODLE IN CLASS

ACCORDINGLY, IT IS DEEMED IMPORTANT TO DEVELOP HUMAN ANATOMY AND PHYSIOLOGY COURSE USING MOODLE TO DIGITALIZE THE PROCESS OF LEARNING

METHOD

RESEARCH AND DEVELOPMENT

ANALYZE

Analyze the problem occur in the classroom related to Anatomy and Physiology Course along with the characteristics of students

DESIGN

This stage including designing the learning management system of Moodle, and also designing the research instrument.

DEVELOP

This stage including developing the front page of learning management system, and also the content course. The developed content is then subjected to validation by two experts, two lecturers, and six students.

IMPLEMENT

The developed Anatomy and Physiology Course developed in Moodle then delivered to students, then a questionnaire of students response was used to assess students responses in utilizing Moodle.

Result

Parts of Moodle as the developed learning management system in Human Anatomy and Physiology Course are as follows:



Front Page



Log In Area



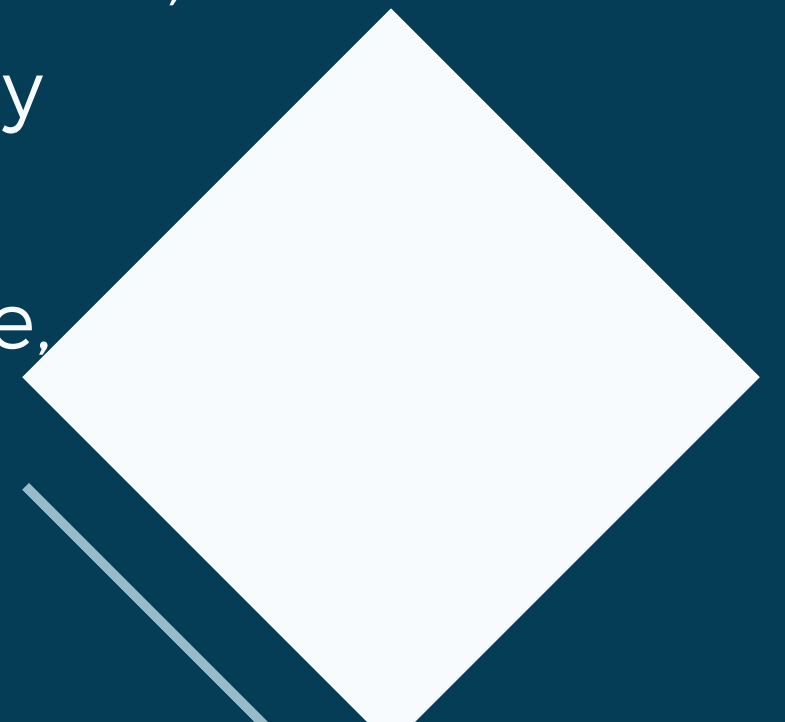
Online User



Types of Activities: Assignment, Discussion, Glossary, Survey



Learning sources: Book, File, Folder, Page, URL





Front Page

Anda login sebagai andi.asmawati. (Keluar)

LMS Universitas Negeri Makassar

Menu utama

- Berita Situs

Navigation

Online users (last 5 minutes)

- andi.asmawati
- sri ayu rahmadani 1363542026
- fajar /1263042027/C
- Lista Lita
- harati 1363040019_B
- taufiah bahri pendos13B
- argi wulandary kelas B. C angkatan 12

Kursus Yang Saya Ikuti

- Anatomi Fisiologi Manusia_20141**
Teacher: andi.asmawati
- Anatomi Fisiologi Manusia**
Teacher: andi.asmawati
Teacher: Dr. A. Muzawir Tajeb, M.Kes
muyawir
- BIOLOGI DASAR**
Teacher: andi.asmawati
Teacher: faisal sudrajat
- Perkembangan Hewan**
Teacher: andi.asmawati
Teacher: adnan gassing

Mata kuliah Anatomi Fisiologi Manusia merupakan salah satu mata kuliah pada jurusan Biologi FMIPA UNM

Membahas tentang dasar-dasar keilmuan biologi

Membahas tentang proses perkembangan pada hewan, meliputi periode prenatal hingga post natal. Kajian utama diawali tentang: ruang lingkup perkembangan hewan, organ-organ reproduksi dan siklus reproduksi, migrasi bakal sel kelamin dan gametogenesis.

Settings

- Pengaturan Profil

Calendar

September 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



Log In Area

Login

Username

Password

Remember username

Login

[Create new account](#)

[Lost password?](#)



Online User

Online users ☐

(last 5 minutes)














- andi asmawati
- sri ayu rahmadani
1363542026
- fajar /1263042027/C ✉
-  Lista Litta ✉
- hariati 1363040019_B ✉
- fauziah bahri pendsos13B ✉
- argi wulandary kelas B. C
angkatan 12 ✉



Types of Activities: Assignment, Discussion, Glossary, Survey

Add an activity or resource

AKTIVITAS

-  Assignment
-  Choice
-  Database
-  External Tool
-  Forum
-  Glossary
-  Kuis
-  Obrolan
-  Pelajaran
-  SCORM package
-  Survei
-  Wiki
-  Workshop

Select a module to view its help.



CONCLUSION

The developed Moodle which is used as learning management system has fulfilled the criteria of validity and practicality. Hence, this learning management system has potential to be used for learning digitalization in Human Anatomy and Physiology course.