



COLLEGE OF BUSINESS, PEACE, LEADERSHIP AND GOVERNANCE

NCIS405 - ENTERPRISE ARCHITECTURE

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2021

LECTURER: MR MUKHALELA

DURATION: 5 HRS

INSTRUCTIONS

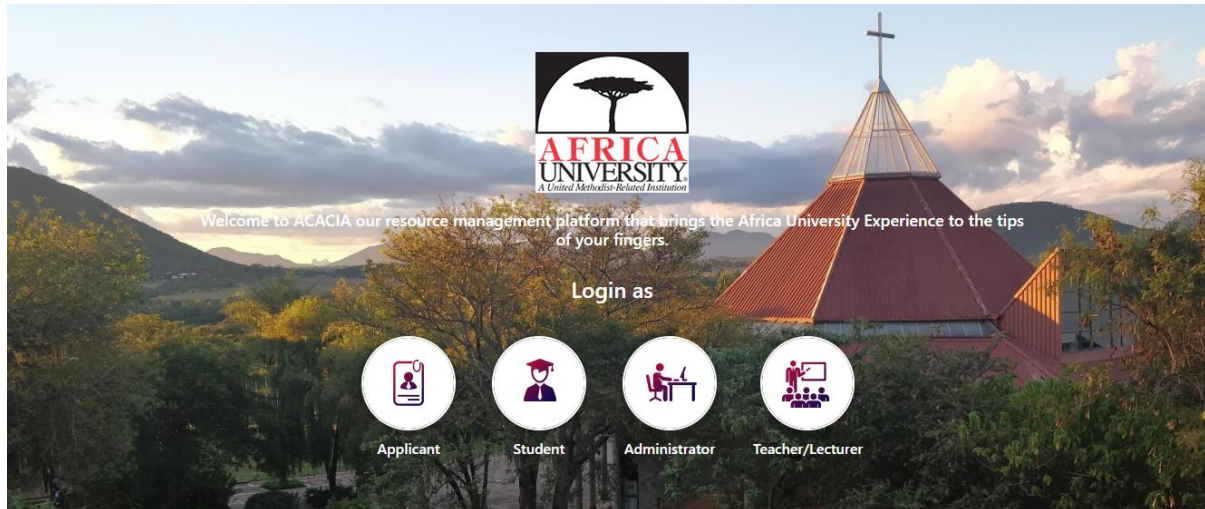
Answer any **ONE** question. Submit answer to 1 as code(s) and output as screenshots via email: mukhalelab@afriau.edu and the rest as essay type answers via Moodle.

The marks allocated to **each** question are shown at the end of the section. Include citation where possible to avoid plagiarism.

Credit will be awarded for logical, systematic and neat presentations.

Question 1.

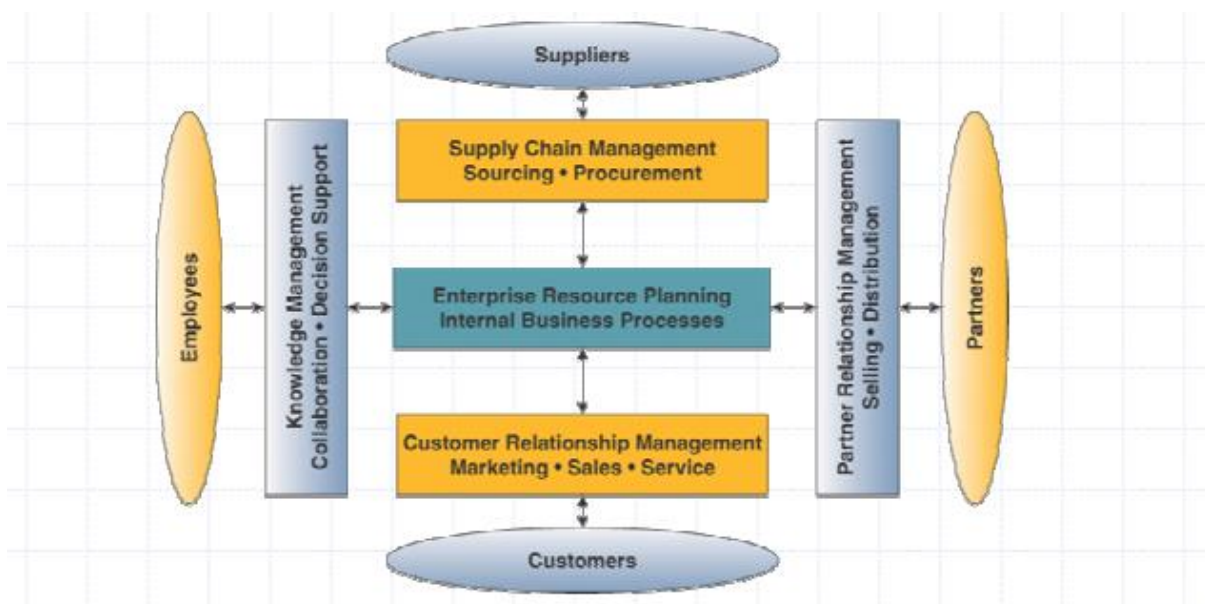
Using any development software at your disposal, develop AU's Enterprise Resource Application (ERP) as shown below.



Develop a central Database that will contain tables for each of the entities Applicant, Student, Administrator and Teacher/Lecturer. Choose any two of these tables and then design End-User forms for registering new entries of the chosen entities e.g. New Student Registration Form, such should be able to add new student into the Student table. [50]

Question 2.

During an ICT Conference you attended to, you heard Former Nestlé CIO Jeri Dunn saying, *"No major software implementation is really about the software. You are challenging their principles, their beliefs and the way have done things for many many years."* Comment elaborately on this statement in connection to the chart later shown below. [50]



Question 3.

You have been told that your Enterprise Applications should integrate business transaction from all units of the enterprise as shown below.



Now since some units like the Sales and HR were previously having their own Legacy Systems, which were built in-house and now the organisation is considering acquisition of an off the shelf ERP. Discuss the following in a report to your CIO;

- (i) Implication of the dilemma on adjusting business policies and or procedures so as to suit the offered new ERP's way of doing business. Will you opt for adjusting the given ERP so as to suit your business needs or you will have to adjust your business rules and policies so as to fit the ERP's way of doing business. [50]

End of Examination.