



FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGIES

SUMMER 2023

FINAL EXAMINATION

COURSE TITLE:	Large System Environment
COURSE CODE:	SE4121
INSTRUCTOR:	Engr. Tanwi Nkiamboh
DATE:	04/09/2023
DURATION:	2 hours 30 minutes

INSTRUCTIONS:

- ✓ Each group will present in 15 minutes.
- ✓ Credit is given for legibility, clarity of expressions and use of relevant illustrations.
- ✓ Clearly write your registration number on each answer sheet used

ENTERPRISE RESOURCE PLANNING FOR ICTU GRADUATES.
(AN ONLINE COMMUNITY FOR GRADUATES TO HELP THEM FIND JOBS EASILY)

PART 1: PRACTICALS.

This will contain the following modules.

1. Student module

- a.** Registration (name, email, contact, area of interest, etc.). After that, a notification is sent through email with a welcome message, login details and link to the login page.
- b.** Graduates will post their CVs so that it can provide job options that tie to their CVs.
- c.** Students can post articles which can be public or private.

2. Job search module

Where all available jobs are found. The jobs that the graduate sees are in line with their CVs. Once a job is taken, it should be cleared from the list of available jobs. You may include a dataset of the available jobs, use cloud servers, API and SQL queries, search algorithms, basic machine learning techniques, etc.

NB: Search for the things an employer wants to see in a cv.

3. Social life module

- a.** A graduate can see friends that have similar interests as them.
- b.** A graduate can make friends and communicate with them privately with people who match their interest.
- c.** A graduate can decide who should see their posts i.e. friends or everyone.

PART 2. DOCUMENTATION

- 1.** Design class, use case and sequence diagrams for the project. More emphasis on the global class diagram
- 2.** Implementation and screenshots
- 3.** Produce a user manual
- 4.** Explain the deployment phase.

ALL THE BEST