

APPLIED INFORMATION SYSTEMS

ASSIGNMENT 2

Instructions:

1. Read the below case study and answer the question.
2. Format: Use Arial 11 font size (send as **Word Document**).
3. Page numbers LESS THAN 10.
4. Write your first name and surname on top of page 1
5. SAVE FILE AS your first name space surname.
6. If you have used references. Use APA 6 reference style.
7. Submission: Submit soft copy to email address elizabeth.mkoba@nm-aist.ac.tz
8. Deadline submission date: 10/04/2021 at 23:00 East Africa Time Zone

ENTEPRISE INFORMATION SYSTEMS DEVELOPMENT PROCESS

Enterprise systems are software applications that have cross-organizational capabilities as opposed to department or group-specific programs. They allow for collaboration and communication across the organization through collection of data that is accessible and usable by multiple departments.

You have been hired as a Business Analyst at The Nelson Mandela African Institution of Science and Technology. The institution does not have the **integrated** Human Resources and Payroll Information System. You are required to discuss in detail the steps to be involved in the Systems Development Process.

Question

Steps in the Systems Development Process are: Systems Planning and Selection, Systems Analysis, System Design, and Systems Implementation and Operation. Discussion should focus on:

- **Systems Planning and Selection:** Are going to **buy off-the-shelf**, **customize** or **develop in house**? Give reasons for your selection.
- **Systems Analysis:** Focus areas on requirements are how will you collect requirements from users, how will you validate requirements, list of requirements for the **integrated** Human Resources and Payroll Information System.
- **Systems Design:** Focus on Data Modelling (Entity Relationship Diagrams, in your diagrams indicate primary and foreign keys).

- **Systems Implementation and Operation:** Explain how will you **test** and **implement** integrated Human Resources and Payroll information system in the Nelson Mandela African Institution of Science and Technology?
