KODI NORMAN MWAPEA.

Head Office

Suggestion box

Customer care

Verification File.

Verification Details.

Transaction file.

Transactions

Verified member

Payment

Print document

Receipt

Customer

BSCS/042J/2020

SYSTEM ANALYSIS AND DESIGN ASSIGNMENT.

Sign up Registration details.

Member files

Updates.

Company website

Member details.

Login

QUESTION TWO.

1. As the system analyst, I would carry out the following feasibility studies;
2. Technical feasibility- I will evaluate the practicality of the solution and how well it will conform to the staff’s technical expertise and existing technologies.
3. Operational feasibility- I will determine how well and easily the solution meets the user’s needs.
4. Economic feasibility- I will evaluate the affordability of the solution by using the cost-benefit analysis method.
5. Schedule feasibility- how quickly the solution can be implemented to ensure the project is completed within the given time.

The people I would involve are the system owners and users because they will help me determine the operational, economic, and schedule feasibility of the project. I would also involve system designers and builders to help me evaluate the technical aspects of the solution.

No.

Candidate solutions should not be compared but each should be evaluated separately to avoid making a premature decision

The output of this operation is a list of candidates with their various feasibilities and options for comparing the candidate solution.

1. a. How many internet service providers does the organization need.

b. Who should have access to the internet and who should not.

c. Transmission media to be used to provide internet.

d. If all branches should have internet service.

1. No.

Too little time to administer questionnaires and complete the study in the appointed time.

1. Specific departments like reception, human resources, managerial departments, and most importantly CEOs. They are the ones that need internet service more than any other employees in the organization for cohesiveness and effective communication throughout the organization.
2. Open-ended questionnaires.

They consist of questions that can easily and correctly be interpreted thus saving time.

1. Short, preferably ten questions maximum, five minimum.
2. 1. How long does it take you to receive any updates about the company?

2. How would you describe the privacy level in the organization?

3. How long have you been an employee here?

4. Do you enjoy working here? No? What changes should be made? Yes? How else can we become better?

5. What challenges, regarding information, have you faced?

6. What solutions do you propose we should try to rectify our flaws in the system?

QUESTION THREE.

Library Management System.

Customers/Students

New books

ISBN/Title/Author’s name

Reserved Books

Supplier details

Book details

Books

Supplier

Order charges.

Inquiry

Returns And

Rentals(respectively)

Delivery

Payments

QUESTION FOUR.

No.

The logical design pertains to an abstract representation of data flow, inputs, and outputs of the system.

It describes the input sources, outputs as the destination, database as data stores, and procedures as data flow all in a format that meets user requirements.

In the logical design stage, data flow diagrams and entity-relationship diagrams are used to specify user needs at a level of detail that satisfies user requirements.

The logical design gives a technical designer a clear and precise blueprint of what the system is to look like.

Skipping this stage will lead to a wrong system design that might be hard to understand, use and implement.

Abbreviations are not universally understood and lead to confusion and wrong system implementation.