

L3 SOD (A&B)

PROJECT REQUIREMENTS ANALYSIS HOMEWORK

To be submitted on Monday

Section A: Multiple Choice & Matching

Question 1: Match the Terms

Match the key terms in **Column A** with their correct definitions from **Column B**. Write the letter of your choice (a, b, c, d) in the answer space provided.

Answer	Column A: Key Term	Column B: Definition
	a) Customer	1. The medium or pathway through which information is transmitted from a sender to a receiver.
	b) User Story	2. A shortcoming in a product or service that can make customers less likely to make a purchase.
	c) Communication Channel	3. A person or organization that orders and buys products or services from a business.
	d) Customer Pain Point	4. A simple description of a software feature from the end-user's perspective, outlining what they want to achieve.

Question 2: True or False

Indicate whether the following statements are **True** or **False**.

- a) Involving the client's customers in interviews is essential for gathering specific software requirements.
- b) A questionnaire is a suitable data collection method only when information is needed from a small number of people.
- c) Using gestures during communication with a customer is unprofessional and should be avoided.

d) Using graphics is a recommended practice for interpreting and presenting data.

Question 3: Multiple Select

Why is providing feedback after receiving a message important? Select the **TWO** most appropriate reasons.

- To confirm the message was received and understood.
 - To reduce typos and grammatical errors in written communication.
 - To encourage a continuous and open dialogue.
 - To prompt the receiver to send a brief, encoded response.
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Question 4: Communication Types

Classify the following scenarios by indicating whether they are examples of **Verbal**, **Written**, or **Visual** communication.

- a) Sending a project update email to a customer.
 - b) Having a voice chat with a customer on WhatsApp.
 - c) Presenting data to a customer using a chart or infographic.
 - d) Sharing a printed project report with a customer.
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Question 5: Match Data Interpretation Terms

Match the data interpretation terms with their correct meanings.

Data Interpretation Term	Meaning
1. Data Manipulation	a) The process of analyzing non-numerical data, such as text or images.
2. Qualitative Data Analysis	b) The graphic representation of data to make it easier to understand.
3. Data Visualization	c) The process of analyzing numerical data.
4. Quantitative Data Analysis	d) The process of altering or organizing data to make it more readable or structured.

Question 6: Data Categories

Which of the following is **NOT** a primary category of data?

- a) Numerical Data
 - b) Categorical Data
 - c) Cloud Data
 - d) Image Data
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Question 7: Data Quality

The process of finding and removing errors, inconsistencies, duplications, and missing entries from a dataset is known as:

- a) Data Cleansing
 - b) Data Analysis
 - c) Data Organization
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Question 8: Report Structure

Which of the following is typically **NOT** a standard element in a data analysis report?

- a) Introduction
 - b) Acknowledgement
 - c) Objective
 - d) Data Collection Methods
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Section B: Practical Assessment

Scenario: KGD Innovation Website Project

KGD Innovation is a pet food trading company in your village. The company is struggling to attract customers because many local farmers are unaware of its products and services. To solve this, KGD has decided to develop a website to advertise its activities and reach a wider customer base.

You have been hired as a project requirements analyst. Your tasks are:

1. **Data Collection:** Describe the specific types of data you would need to collect about KGD Innovation and its potential customers to inform the website's design and features. Propose at least two methods for collecting this data.

2. **Data Interpretation:** Explain how you would analyze and interpret the collected data to identify key requirements for the website. What patterns or insights would you be looking for?
3. **Reporting:** Outline the structure of the report you would present to KGD Innovation for approval. List the key sections your report would include to effectively communicate your findings and recommendations.