1.2 Objectives of Information System Development

Information Systems (IS) development plays a critical role in empowering organizations. This report outlines the key objectives that guide the development process, ensuring the resulting systems contribute significantly to organizational goals.

1. To develop information systems that satisfy an organization's informational, operational, and management requirements. Note that this objective relates to the system being developed.

The primary objective of IS development is to create systems that effectively address an organization's requirements across three key areas:

- **Informational Needs:** The system should provide the necessary information to all levels within the organization.
- **Operational Needs:** The system should streamline processes and automate tasks, enhancing operational efficiency.
- **Management Needs:** The system should provide the data and tools necessary for informed decision-making at all levels of management.

By aligning with these needs, the developed system becomes an integral part of the organization's success.

2. To increase the productivity/efficiency of various individuals and overall organization.

IS development strives to improve performance across the organization by:

- **Streamlining Workflows:** The system should automate repetitive tasks and optimize processes, allowing individuals to focus on higher-value activities.
- **Improving Resource Allocation:** The system should facilitate better resource allocation, leading to increased productivity.
- **Enhancing Collaboration:** The system should enable efficient communication and collaboration within and between teams.

Ultimately, these improvements translate to a more productive and efficient organization.

3. To provide accurate, timely, and relevant information to support decision-making at all levels of the organization, from strategic planning to day-to-day operations.

Effective IS development provides the foundation for sound decision-making by:

- **Delivering Accurate and Timely Information:** The system should ensure users have access to precise and up-to-date data to inform their choices.
- **Facilitating Data Analysis:** The system should offer tools and functionalities for users to analyze and interpret data effectively.
- **Enhancing Transparency:** The system should promote transparency by providing a clear view of relevant data across the organization.

By empowering users with the right information at the right time, the system fosters a data-driven culture that leads to better decision-making.

4. To efficiently utilize resources, including hardware, software, and human capital, to maximize the value delivered by information systems while minimizing costs and resource constraints.

IS development prioritizes the efficient use of resources to maximize the value delivered by the system:

- **Hardware and Software Utilization:** The system should be designed to leverage existing hardware and software infrastructure effectively, minimizing the need for unnecessary investments.
- **Human Capital Utilization:** The system should optimize the use of human expertise by automating routine tasks and freeing up personnel for more strategic activities.
- **Cost-Effectiveness:** The development process should be mindful of costs and strive to deliver the highest value with minimal resource constraints.

By focusing on resource optimization, organizations ensure their IS investments yield the greatest possible return.

These objectives highlight the comprehensive approach to Information System Development.

The goal goes beyond simply meeting technical requirements, it's about creating systems that serve as catalysts for organizational success and growth.

By focusing on these objectives, organizations can leverage Information System development to achieve their strategic goals and gain a competitive edge.