**DSS Assignments**

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**Difference Between MIS and DSS**

**MIS** and **DSS** are the two common terms that are often heard in the field of business management. But, they are quite different from each other. MIS (Management Information Systems) and DSS (Decision Support Systems) are both types of information systems that are used to support decision making in organizations.

What is MIS?

**MIS, Management Information System,** is a computer-based program to assist users to make decisions based on information present in the system. MIS is a type of link that helps in the communication between managers of various departments in a business organization.

**What is DSS?**

**DSS, Decision Support System,** is a tool that helps in decision-making. It uses communication technologies, data, and documents to identify problems and to finalize decisions.

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| **MIS** | | **DSS** |
| Stands For: | MIS stands for Management Information System. | DSS stands for Decision Support System. |
| Purpose | The primary purpose of an MIS is to provide the management with the information they need to make operational and strategic decisions. An MIS is focused on the internal operations of an organization and is designed to support the needs of managers at all levels. | A DSS, on the other hand, is designed to support specific decision-making processes and is often used by individuals or small groups within an organization. |
| Primary/ Main Task | MIS identifies the information required. | DSS identifies the tools to be used in the decision process. |
| Data | Uses a large volume of data as input and gives a summarized report as output. | Uses a low volume of data as input and gives a decision analysis as output. |
| Dependency | Dependent on computer experts. | Dependent on managerial judgement. |
| Usage | MIS is used in control process | DSS is used in planning, staffing and decision making. |
| Users | MIS is used by middle level, low level users and senior executives in some cases. | DSS is used by analysts, professionals and managers. |
| Focus | Focus is on data storage.  Focuses on information processing.  Focuses on Operational efficiency. | Focus is on data manipulation.  Focuses on decision support and analysis.  Focuses on Making effective decisions. |
| Structure | An MIS is typically a centralized system that is used by all parts of an organization. | A DSS is often more decentralized, and is used by specific departments or individuals as needed. |
| Interactivity | An MIS is typically a batch processing system, meaning that it processes data in batches at regular intervals. | A DSS is often an online system that allows users to interact with the data in real-time and get immediate feedback on their queries and analyses. |

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| Decision Maker | Decision Taker |
| Person or group of individuals who are responsible for Making the important strategic decisions based on a number of values. | Person or group of individuals who are responsible for taking the actions required to implement the decision. |