

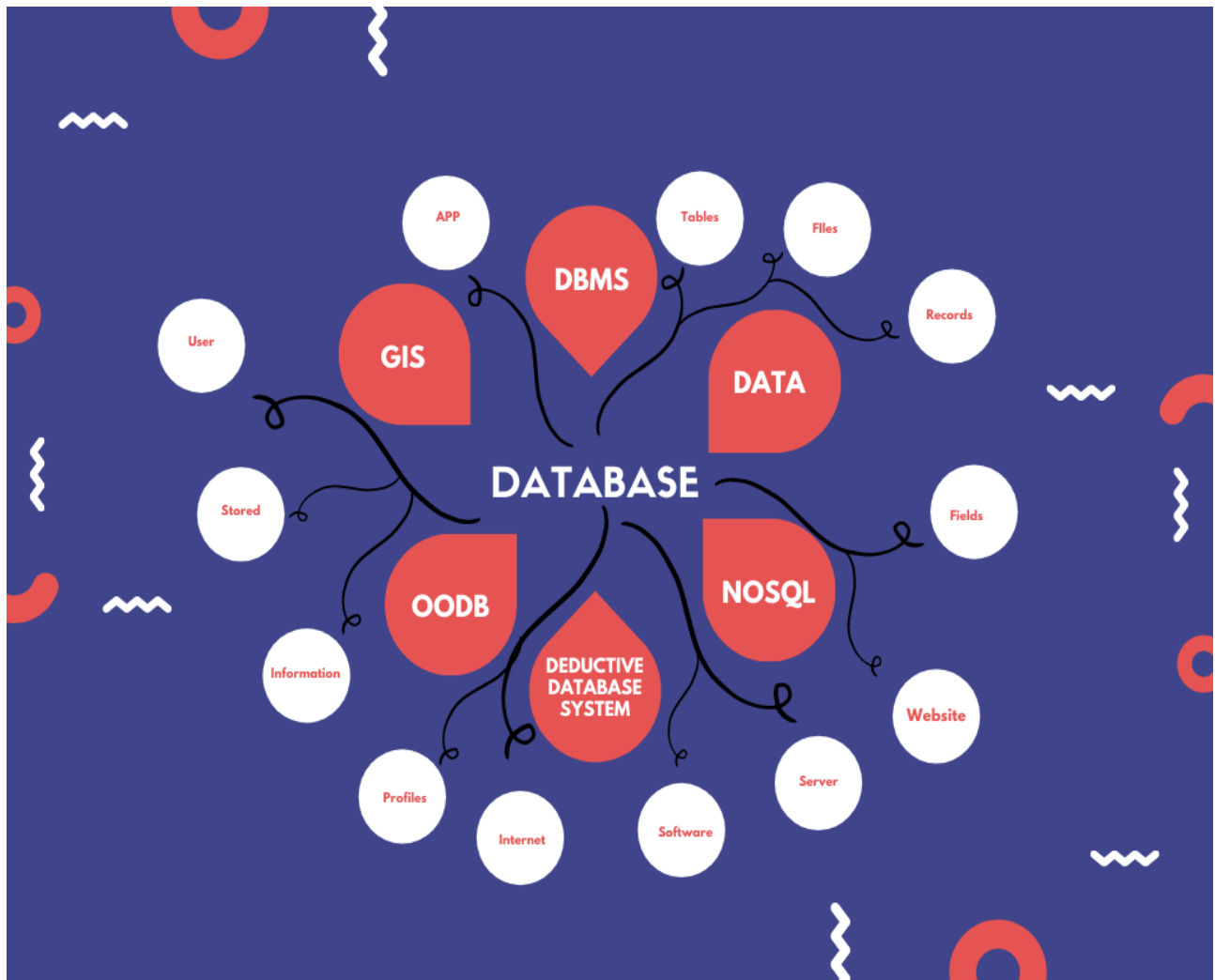
NAME: Jamaica Serafina

DATE: April 13, 2021

BSCS 1

FUNDAMENTALS OF DATABASE SYSTEM

(Module 1 Output)



This design is inspired in the picture that I saw in the google and also, I made this in CANVA. In this mind map we can see the words that are all related to the word DATABASE. A database is an organized collection of structured information, or data, typically stored electronically in a computer system.

Give at least five (5) examples of systems in which it may make sense to use traditional file processing instead of a database approach.

- It was totally computer-based system where all the information is store in different computer files. Also, traditional files system stores data in a manner that all the departments of an organization have their own set of files that creates data redundancy.
- The traditional file processing systems was an early attempt to computerize the manual filing system that we are all familiar with nowadays.
- A file system is a method for storing and organizing computer files and the data they contain to make it easy to find and access them.
- File systems may use a storage device such as a hard disk or CD-ROM

These examples are recommended to use traditional processing to handle a small or large volume of structured data on a REGULAR BASIS.

Examples:

Small businesses – the small businesses accumulate various types of data, such as financial information related to revenues and expenses and data about employees, customers and vendors.

Order of data – Electronic filing systems allow users to quickly check whether information already exists somewhere in the system, which helps avoid problems like redundant files and data loss.

Small school (kindergarten) – the school like these can use a traditional file processing because they collect the little information such as name, student fees, student examination etc.

Security log books – their log books can replace by traditional file processing aside from lessen the use of papers it is also simple to use.

Library monitoring – like security log books if you need a few information you can use a traditional file processing because it is not complicated to use.

File processing can be more efficient and cost less than DBMS in certain situation.

Traditional file processing

- Simplicity
- Efficiency
- Customization