DATABASE

Hans Miguel S Ubana
BSIT-1

TABLE OF CONTENTS

Mind Map

01 Here you could describe the topic of the section

Purpose of the Project
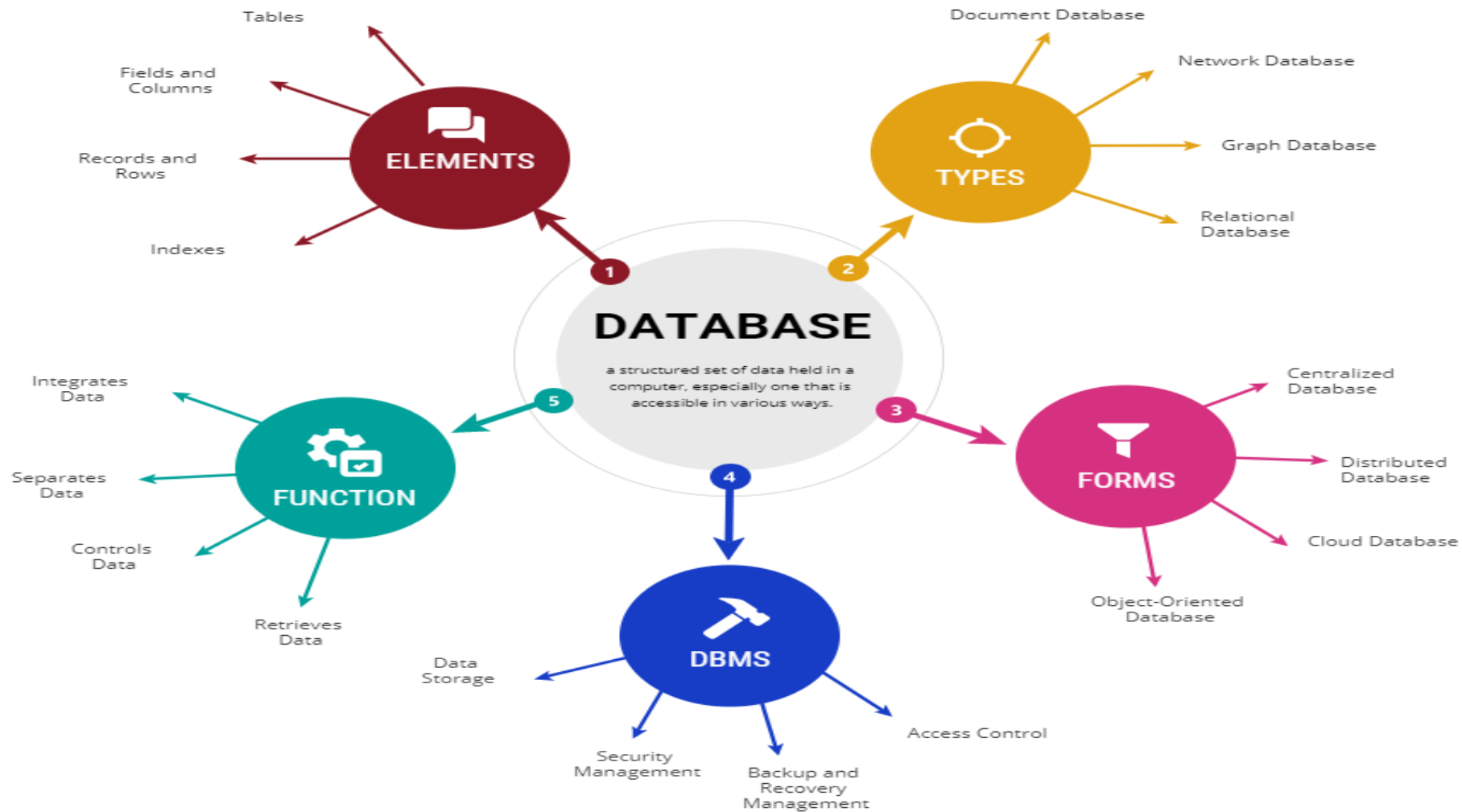
02 Here you could describe the topic of the section

Examples

03 Here you could describe the topic of the section

DATABASE

a structured set of data held in a computer, especially one that is accessible in various ways.

1. ELEMENTS
- Tables
- Fields and Columns
- Records and Rows
- Indexes

2. TYPES
- Document Database
- Network Database
- Graph Database
- Relational Database

3. FORMS
- Centralized Database
- Distributed Database
- Cloud Database
- Object-Oriented Database

4. DBMS
- Data Storage
- Security Management
- Backup and Recovery Management
- Access Control

5. FUNCTION
- Integrates Data
- Separates Data
- Controls Data
- Retrieves Data

PURPOSE OF THE PROJECT

The mind map that I have created is all about the concepts of the Database. As stated in the Mind Map (Elements) Tables, Fields and Columns, Records and Rows, and Indexes. The Tables contains all the data. The Fields and Columns contains the values and pieces of information stored. The Records and Rows contains the individual elements. The Indexes contains the Data Structure. (Functions) Integrates Data, Separates Data, Controls Data, Retrieves Data. The Integrates Data contains the combining of data. The Separates Data contains the seperation of the logical view of the database. The Controls Data provides the correct data to the users. Retrieves Data obtaining the data from the (DBMS). The Database Management System keeps all the information secured, that backs up and recovers every bit of lost data if ever a technical issue happen. DBMS is an Essential Tool in all aspects because this software modify all the documents that are needed. As it has many Feautures that keeps all your important information secured, consistent and always updated.

EXAMPLES

1. Data of Savings Account in Bank
- Keeping your money in Bank account is the wise thing to do but be careful as the technology grow many people also learn how to hack it.
1. Data of Giving "Ayuda" by the Governments
- Giving ayuda by the Governments also uses Data so there will be no repetition. As well as if this person really lives on specified Barangay.
1. Data of "Census" in each country
- Data of Census uses records to know the population of the country
1. Data of Student's Grade in School
- Data of the Student's Grade in School as many School's just post their grade on websites as an easy way and save paper.
1. Data of History in Online Buying (Lazada, Foodpanda)
- Buying online products has records also to track all of your expenses and where is your product as you use the said app.

GOSTUDIO