

Instrumento de evaluación

Materia : Base de datos Unidad: 2 Tipo de Instrumento: 3
Actividad: Investigación normalización Tipo de Reactivo: 2

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Instructions: Do an investigation and answer the following questions with your words.

1. What is database normalization?
Is the process of organizing of data from a database.
2. What is the normalization of databases for?
To protect data, making it flexible in this way, redundancies and inconsistent dependencies are eliminated.
3. What are the objectives of normalizing a database?
 - **Protect the data integrity**
 - **Facilitate the interpretation and access of data**
 - **Reduce the complexity and time of reviewing a database**
 - **Avoid redundancies**
 - **Storage optimization**
 - **Reduce data update problems**
 - **Prevention of unwanted data deletions**
4. What are normal forms?
The rules to normalize a database.
5. Describe the first normal form.
A table where all key attributes are defined and all others depend on the primary key.
6. Describe the second normal form.
When a table is in the first normal form and contains no partial dependencies.
7. Describe the third normal form.
A table that it is in the second normal form and does not contain transitive dependencies.
8. What is a partial dependency?
When an attribute is partially dependent on a part of a multiple attribute primary key.
9. What is a transitive dependency?
Is when an attribute is functionally dependent on another non-key attribute.

Tipo de reactivo

1. Falso/Verdadero
2. Respuesta corta
3. Opción múltiple
4. De relación
5. Preguntas de análisis
6. Casos prácticos
7. Ejercicios para resolver

Tipo de Instrumento

1. Rubrica
2. Lista de cotejo
3. Reactivos

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