

**Faculty of engineering - Shoubra**

**Benha University**

**Research Article / Research Project / Literature Review**

in fulfillment of the requirements of

|  |  |
| --- | --- |
| **Department** | **Engineering mathematics and physics** |
| **Division** | **--------------------** |
| **Academic Year** | **2019-2020 preparatory** |
| **Course name** | **computer** |
| **Course code** | **ECE001** |

**Title: -**

**The research is to build a simple HTML website about Database system**

By:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Edu mail | B.N |
| 1 | نور الدين اسماعيل عبدلمنعم سليمان | Noureldeen196126@feng.bu.edu.eg | 999 |

**Approved by:**

|  |  |
| --- | --- |
| Examiners committee | Signature |
| Dr: Ahmed bayoumi | 1 |
| Dr:shady elmashed | 2 |
| Dr:Abdelhamed attaby | 3 |
|  |  |
|  |  |

**Application brief**

A database is an organized collection of [data](https://en.wikipedia.org/wiki/Data_(computing)), generally stored and accessed electronically from a computer system. Where databases are more complex they are often developed using formal [design and modeling](https://en.wikipedia.org/wiki/Database#Design_and_modeling) techniques.

The [database management system](https://en.wikipedia.org/wiki/Database#Database_management_system) (DBMS) is the [software](https://en.wikipedia.org/wiki/Software) that interacts with [end users](https://en.wikipedia.org/wiki/End_user), applications, and the database itself to capture and analyze the data. The DBMS software additionally encompasses the core facilities provided to administer the database. The sum total of the database, the DBMS and the associated applications can be referred to as a "database system". Often the term "database" is also used to loosely refer to any of the DBMS, the database system or an application associated with the database.

Computer scientists may classify database-management systems according to the [database models](https://en.wikipedia.org/wiki/Database_model) that they support. [Relational databases](https://en.wikipedia.org/wiki/Relational_database) became dominant in the 1980s. These model data as [rows](https://en.wikipedia.org/wiki/Row_(database)) and [columns](https://en.wikipedia.org/wiki/Column_(database)) in a series of [tables](https://en.wikipedia.org/wiki/Table_(database)), and the vast majority use [SQL](https://en.wikipedia.org/wiki/SQL) for writing and querying data. In the 2000s, non-relational databases became popular, referred to as [NoSQL](https://en.wikipedia.org/wiki/NoSQL) because they use different [query languages](https://en.wikipedia.org/wiki/Query_language).

**screenshots**























