University Data Base



University Data Base

This small book goal is to define this database objects   
& to present how it works?

It's also useful as a record for a database with a lot of users and triggers and log tables ...

Authors: -

[Mahmoud Khalil](https://www.facebook.com/Mahmoud.khalil2535)

[Waleed Mortaja](https://www.facebook.com/del432)

[Eyad AL- Amawi](https://www.facebook.com/ZOIX0)

Ps: you can contact us by clicking ctrl + press on name

Catalog

1.[Intorduction](#Introduction)

[a. Programs used.](#Programs)  
 [b. About the databases.](#Aboutthedatabases)  
 c. About the university.  
 d. Resources.

2.The plan(map)

a. Analyzing the system.  
 b. Drawing ERD.  
 c. Refinement.

3.DDL & PL\SQL(PLgpSQL)

a. Tables.  
 b. Log Tables.  
 c. Triggers.  
 d. Procedures.  
 c. Views.  
 e. Sequences.  
 f. Users.  
 g. Roles.

4.DML (last overview)

5.About

**1.Introduction**

First of all, we have to give all thanks for our god then our teachers who raise us for like this level of education & awareness ...

**a. Programs used: -**

This is a database so of course you need to use DBMS[[1]](#footnote-1)  
we used Oracle OracleXE112 (as our teachers promote)

& We used Visio2016 to draw the ERD

Just those 2 programs in windows 10 operation system …

**b. About this database: -**

Storing: This database is a complete university database and it has on its schema more than 30 table with more than 200 attributes(200value) & of course its storing (not Exactly) everything in university education, employment & even building and items inside each room

Tracking: This database also tracking the user actions to by Triggers and log files which write every inserting, updating, deleting process the users do!

Authorizing: This database has its own users and every user has its own privileges to do his own actions in his own tables and views so there is no student can delete or update or even know any information from other tables …

2.The plan(map)

1. Data base Management System [↑](#footnote-ref-1)