



Relational Database Concepts

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Hands On Lab Work

- Lab work is required
- Oracle Database Management System is the platform used for Lab work.
- Use data modelling tool called ER Assistant to design a small database (about 5 tables) by developing an Entity Relationship Diagram (ERD).
- ERD is a graphical way of presenting the database that's going to be developed.
- Translate ERD into DDL – data definition language, so you'll be going from the graphical representation to actually defining tables and columns
- Use DDL statements to create your database objects by running them against your database.



Hands On Lab Work

- Once you have created your database objects, you can load some data into the tables, you can create views (also called virtual tables).
- You will be able to retrieve the data you loaded into your data by using simple SQL select statements.
- This is the fundamental level of database design and development.



Deliverables

- Weekly posts on the class page.
- Statement of work
- ERD
- DDL script including the log files.
- Load script including the log files.
- Data retrieval script including the log files.

