

PL305 Database Management Lab

Prerequisites: PL105, PL205

Lab Contents:

Besides the Sessional Work to be done, the students SHOULD undertake live projects – the analysis, design (ER diagram and normalized tables) and implementation of a real life project of their choice.

The project report that they submit consists of (i) Feasibility study (ii) ER Diagrams (iii) Tables normalized in an appropriate normal form with integrity and domain constraints noted. (iv) User Interface Design -Form and Report design , including triggers that may need to be written (v) User Manual

Peer reviews of ERDs are held in the class.

Using DDL, DML, TCL	(40%)
Creating Triggers/Procedures/packages	(20%)
Report Creation	(10%)
Development of a mini database project	(30%)

Reading Material:

Standard textbooks on SQL and PL/SQL, .NET
Online documentation