



Database Project

TA's

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Section 1 **Instructions:**

- Each Group can only have up-to 3 members
- Plagiarism will result in straight 0 or even negative marking in certain scenarios
- Database for project should be **Oracle** and Domain can be **web app or Desktop App (Your Choice)**.
- In case of any queries, you can contact your respective Teacher or TAs

Broadly speaking, the Project requires you to design and implement a web-based information system or desktop-based application. The Project is described in more detail in section 2. Working on this Project will help you to develop your web programming skills and your database design and development skills.

Section 2: Task Specification

Develop a Departmental store management system.

Modules of Departmental Store:

- Products Management Module: Used for managing the Products details.
- Stock Module: Used for managing details of Stock
- Inventory Module: Used for managing the details of Inventory
- Sales Management Module: Used for managing the information and details of the sales.
- Payment Module: Used for managing the payments details.
- Discount Module: Used for managing the discounts information.
- Login Module: Used for managing the login details.
- Admin Module: Used for Managing users and adding new products to the system.
- Graph Module: Used to display Sales or profits with the help of graphs.

Section 3: Concepts and Implementation (Rubrics):

A group will be evaluated on following queries which will be evaluated as compulsory part of project.

Note: (This will trace an obvious understanding of DML, DDL and DCL)

1. Basic use select, where, order by clause.
2. Use of having clause with multivalued functions.
3. Use of Join to show various reports.
4. Implementation of Views, Indexes, PLSQL (Procedures/Functions, triggers, Cursors) and SQL attributed function.
5. Hieratical implementation of SQL users through DCL.