

Search and Retrieve Data

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MySQL Database

Database name “comp” have the following tables:

1. Cities (ID,CityName)
2. Companies (ID, CompName,CityID)
3. Customers (ID,CustName, CompID)

- Retrieve or Display
(specify the HTML output, or some condition)
- Search
(specify the column (Type))

Display all customers in a specific city

Update & Delete Queries

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Update scenario

First Scenario	Second Scenario
View to the user empty fields equals to table columns (include id)	View single selection to specify the record
Typing the information with the new values	Display information for the selected record
Check if the record is exist (according to id), Update record	Depending on id update values
Pages 1- HTML (information Entry) (depend on the table nature) 2- PHP (Update)	Pages 1- PHP (selection) 2- PHP (Change information) 3- PHP (Update)
Problems: 1- if the record not exist or typing wrong id 2- the user does not know the old fields value	Problems: 1- the developer needs three pages 2- number of DB connection

Delete scenario

First Scenario	Second Scenario
View to the user empty fields equals to table columns (include id)	View single selection to specify the record
Typing the id	Depending on id selection Delete Record
Check if the record is exist (according to id), Delete record	
Pages 1- HTML (information Entry) 2- PHP (Delete)	Pages 1- PHP (selection) 2- PHP (Delete)
Problems: 1- if the id not exist or wrong entry	Problems: 1- number of DB connection