**Database Systems**

**Lab Manual**

**MS Access 2007 – Week 1**

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# Lab Task 1

Create a table in which enter the Enter data type Text for any type of the field and than in the Below Section of MS Access Edit the following properties of the Text and then check their impact on the tables record entrance.

* Field Size.
* Input Mask
* Default Value
* Devise a Validation Rule
* Required type.

# Lab Task 2 - HomeWork

In the above created table Enter Number data type for any type of the field and than in the Below Section of MS Access Edit the following properties of the Numbers and then check their impact on the tables record entrance.

* Field Size
* Input Mask
* Decimal Precision
* Decimal Scale
* Devise a Validation Rule
* Required type.

# Lab Task 3 - HomeWork

In the Table Created Yet check the impact of the following data types.

* Memo
* Hyper Link
* Attachment.

# Lab Task 4

* **Showroom Management**
*   Staff:
* In staff we will managed PAYROLL (Salary), Leaves, Bonus, Benefits for employees.
*   Accounts Management
* In Accounts we will managed Sales, Credit, Debit, and create Ledger, Balance, and Income Statements
* **Note all the above information should be saved in the database in their native specific format.**
* **Apply mask and validation rules where required.**

# Lab Task 5

In shaukat khanum hospital SKH, there are patients who come to consult doctors for their health. SKM stores patient NIC, name, age, cell and address and recommend them medicine. There are shops in the SKH who provides free medicine to those patients who got receipt from the doctor. Patients take appointment before the visit SKH

* **Identify the tables and their attribute and data types of attribute together with input masking, if any**

# Lab Task 6 - Graded

DHL courier service provides documents transfer service with Pakistan. You have to take membership, before you can send any document to any other city. DHL is working only for Lahore, Islamabad and Karachi. The price for sending document is determined by the weight of document. User is also issued the receipt in the end.

* **Identify the tables and their attribute and data types of attribute together with input masking, if any**