

Project 4 And Data Validation



Project 4, designed in class Friday, is further specified. Special attention is paid to validating that the information is entered into the tables is correct.

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Design of CDC Information System

- ❖ Discuss the three tables: Clients, Doctors and Visits
 - Fields and field attributes (data types, constraints, etc.)
 - Walk through the construction of such tables on-line
 - + Clients uses Table Wizard and Auto Form Construction
 - + Doctors uses the Table Wizard, construct Form with wizard
 - + Visits is constructed manually

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- ❖ Several techniques can be used to avoid letting “bad” data into a database
 - + Automatically generate the data, e.g. sequence numbers, dates, inherited data from other tables, etc.
 - + Masking the input to force a specific form of data, e.g. phone numbers, SS numbers, etc.
 - + Validation rules, constraints that are tested against the entered data ... users are required to enter data that meets the constraint
- ❖ These techniques are illustrated in the on-line demonstration