Models

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Models

• Since models are not seen to have a measurable value for the customer, they are generally minimized if not totally discarded.

• An experiment was done with 3 hypotheses:

  A database schema produced from a correct Entity Relationship Diagram (ERD) will be

  (1) more correct,

  (2) be accomplished in less time, and

  (3) will give the designer greater confidence in the design than without the ERD
The Experiment

- The experiment consisted of three groups that were told to develop a database schema.

One group was told to develop a ERD before developing the schema.

Another group was given the ERD to begin with.

The last group was told to develop the schema without a ERD.
Results

- It was found that the groups given the ERD and told to create an ERD had higher performance quality and took less time than one the group without the ERD.

- It was concluded that modeling is useful in systems development