Data Modeling and Database Design Using ERwin

## PRACTICAL DATA MODELING and DATABASE DESIGN USING ERWIN

• ERWIN and Its Main Features

Data Modeling Using ERWIN

- Before Database Design
- Transforming Data Model To Database Design
  Reverse Engineering
- ERWIN Reports
- Samples

Assoc.Prof.Dr.B.G.Çetiner ©2000



Assoc.Prof.Dr.B.G.Çetiner ©200

| ERWIN and Its Main Features   |  |
|---|--|
| Main Features   |  |
| Forward Engineering: Transformi<br>Reverse Engineering: Obtaining D<br>Database | ng Data Model into Database<br>esign Info and Data Model From a Relational |
| Relational<br>Data Model  |  |
| Relational<br>Database  | Forward Engineering Engineering  |
|   | Assoc.Prof.Dr.B.G.Çetiner ©2000  |





















































×

Identifying relationship



















![](_page_7_Figure_1.jpeg)

![](_page_7_Figure_2.jpeg)

![](_page_7_Figure_3.jpeg)

![](_page_8_Figure_0.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_8_Figure_2.jpeg)

![](_page_8_Figure_3.jpeg)

![](_page_8_Figure_4.jpeg)

![](_page_8_Figure_5.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_9_Figure_1.jpeg)

![](_page_9_Figure_2.jpeg)

![](_page_9_Figure_3.jpeg)

![](_page_9_Figure_4.jpeg)

![](_page_9_Figure_5.jpeg)

![](_page_10_Figure_0.jpeg)

![](_page_10_Figure_1.jpeg)

![](_page_10_Figure_2.jpeg)

![](_page_10_Figure_3.jpeg)

![](_page_10_Figure_4.jpeg)

![](_page_11_Figure_0.jpeg)

![](_page_11_Figure_1.jpeg)

![](_page_11_Figure_2.jpeg)

![](_page_11_Picture_3.jpeg)

![](_page_11_Picture_4.jpeg)

![](_page_12_Figure_0.jpeg)

![](_page_12_Figure_1.jpeg)

![](_page_12_Figure_2.jpeg)

![](_page_12_Figure_3.jpeg)

![](_page_12_Figure_4.jpeg)

![](_page_13_Figure_0.jpeg)

![](_page_13_Figure_1.jpeg)

![](_page_13_Figure_2.jpeg)

![](_page_13_Picture_3.jpeg)

![](_page_13_Figure_4.jpeg)

![](_page_13_Figure_5.jpeg)

![](_page_14_Figure_0.jpeg)