



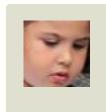
I need an extra column for storing email address.





Peter





Mary



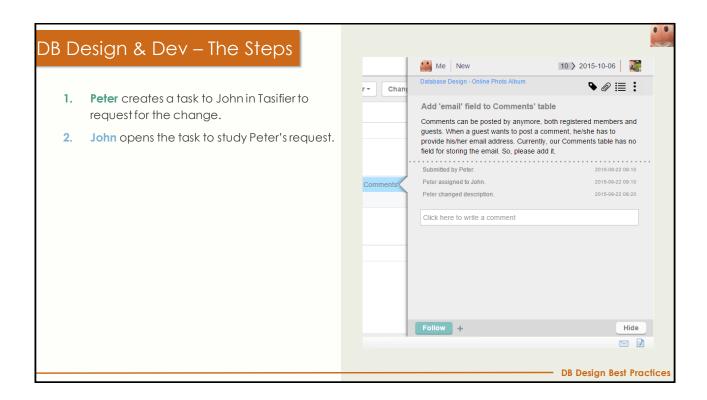
Peter, a developer needs an extra column for storing email addresses.

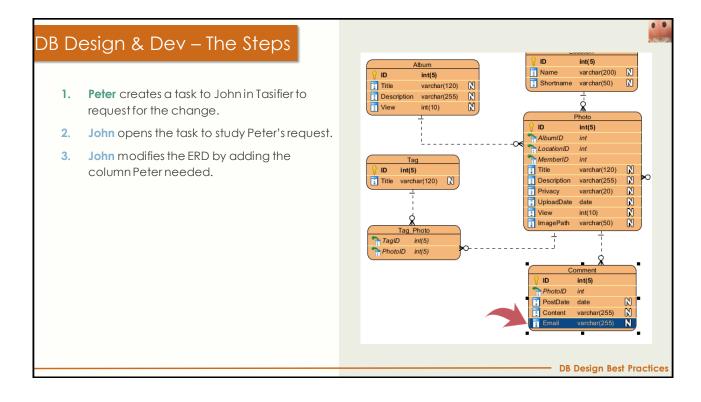
DB Design Best Practices

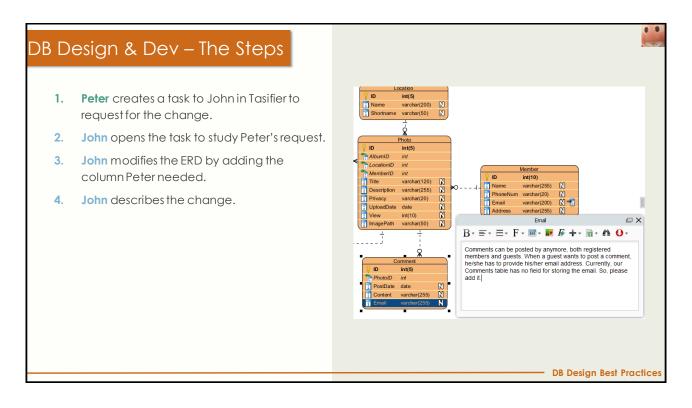
Case Study

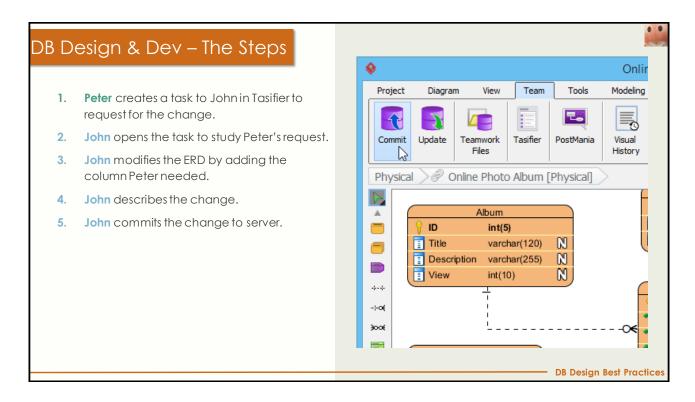
Let's see how John will work with Peter to update the database design

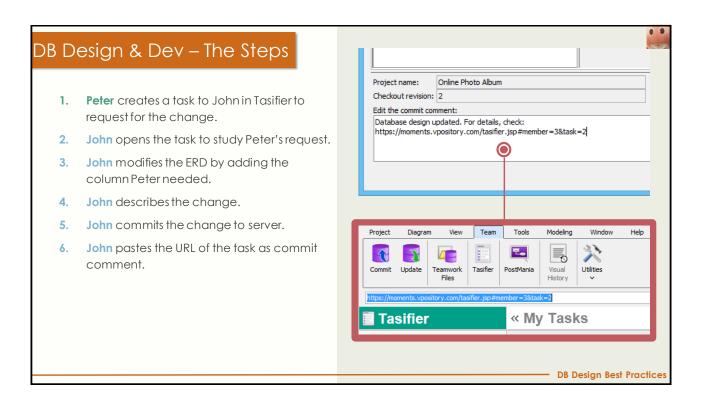


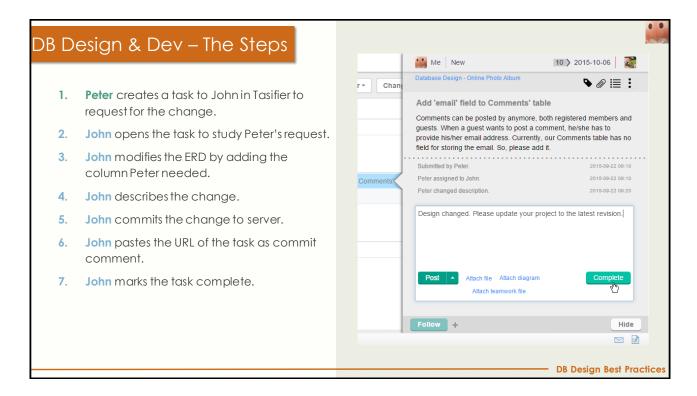














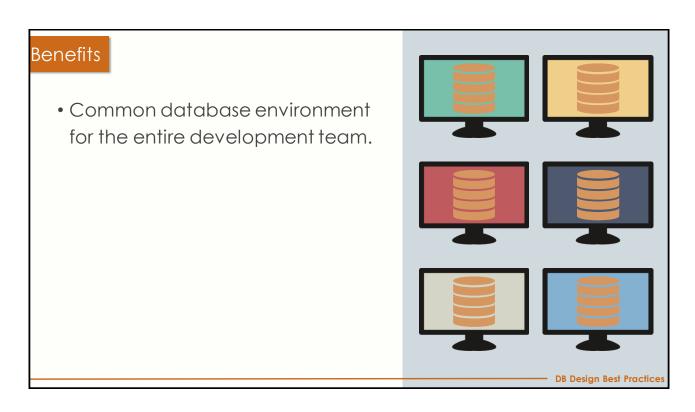
Peter patch the changes to his

development database.

DB Design & Dev – The Steps **Database Code Generation** Generate : Database only Peter creates a task to John in Tasifier to Language: Java request for the change. Output Path: C:\Users\Peter\Documents\Sample v ... Deploy To: Standalone Application John opens the task to study Peter's request. 2. Code Database John modifies the ERD by adding the 3. Generate Database: Create Database column Peter needed. Create Database Schema: Drop and Create Database ✓ Export to database 4. John describes the change. Drop Database ✓ Upper Case SQL 5. John commits the change to server. Generate Individual DDL Separate Create/Drop DDL John pastes the URL of the task as commit Generate Sample Data: No comment. Quote SQL Identifier: Default(Auto) Column Order: Normal 7. John marks the task complete. DDL Extension: Connection Provider Class: ce.jdbc.connections.internal.C3P0ConnectionProvider Peter updates the project from server. 8. Connection: JDBC

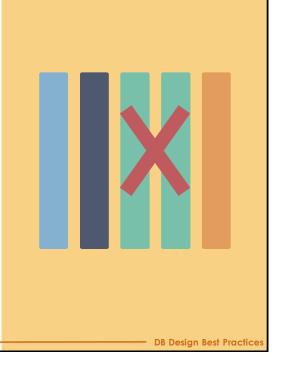
JDBC -

Connection Real Options



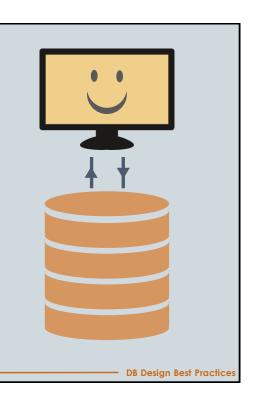
Benefits

- Common database environment for the entire development team.
- No duplicate columns.



Benefits

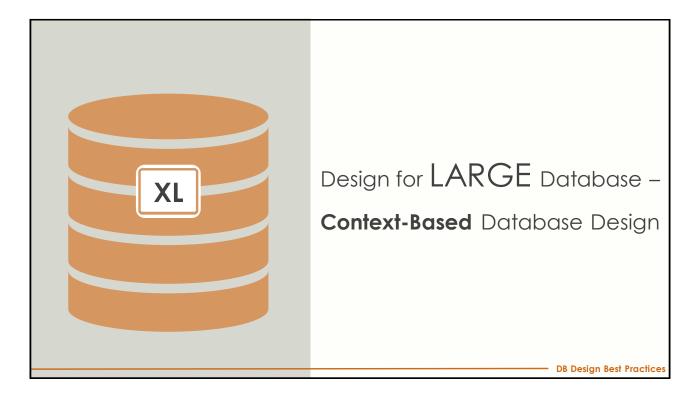
- Common database environment for the entire development team.
- No duplicate columns.
- Ensured production database can run.

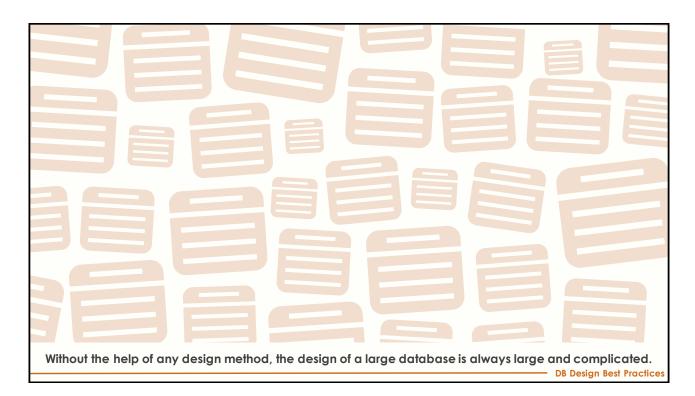


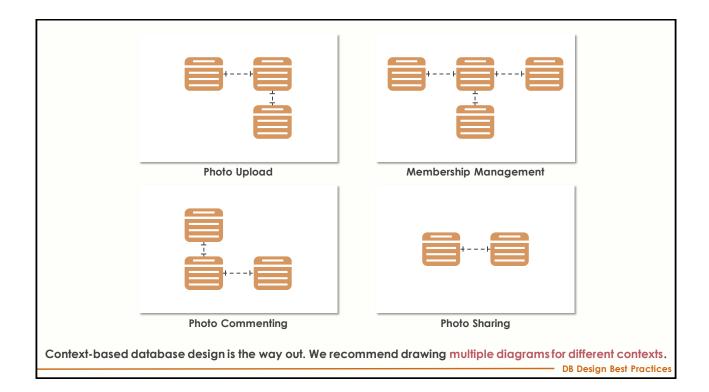
Benefits

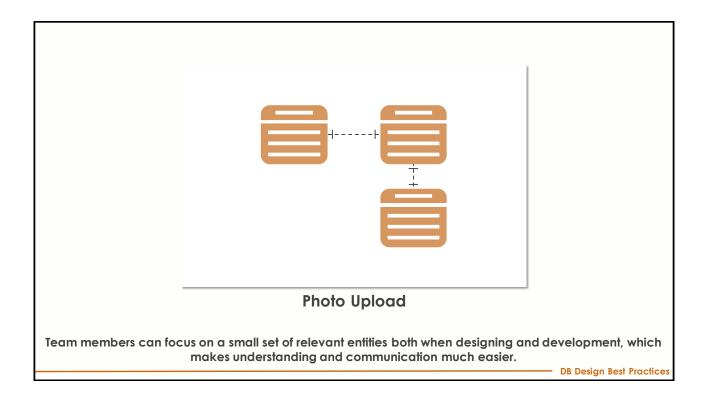
- Common database environment for the entire development team.
- No duplicate columns.
- Ensured production database can run.
- Documents are always up-to-date.

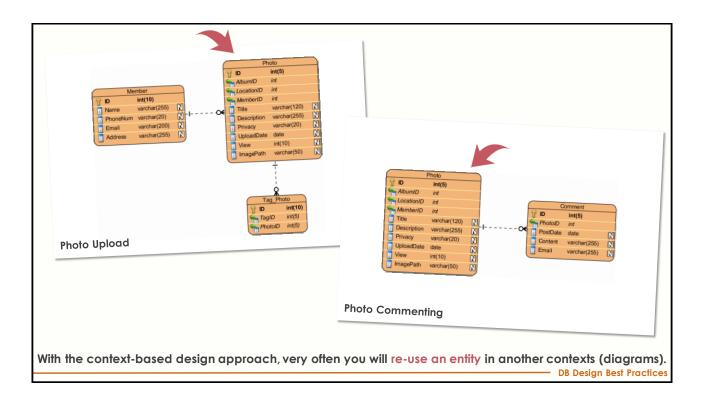


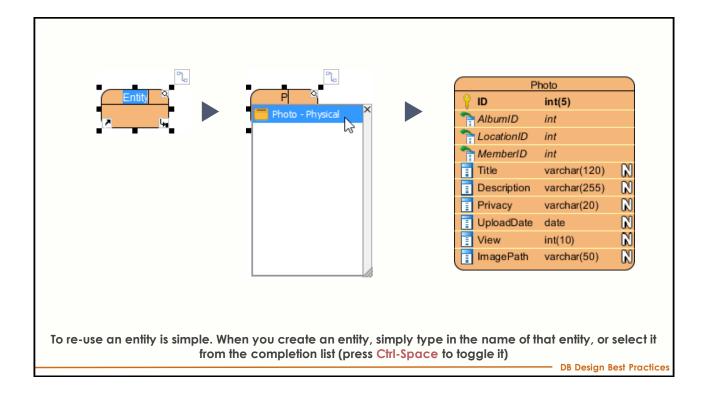












Summary

- Typical approach of database design and development
- The suggested approach of database design and development
- Design large database by drawing context-based ERDs