Lab 4 - Database Analysis and Design

Content:

- Building a view in database
- Analyze the topic of assignments
- Design relational database schema
- Normalize the designed database schema to Third Normal Form
- Edit and install the designed database schema into the Microsoft SQL Server 2014

References

[1] Lab 4 – Database system (Instruction)

[2] Book: Beginning SQL Server 2012 for Developers

[3] Tutorial: http://www.tutorialspoint.com/sql

Task 1: Building a view

Using/restoring the ApressFinancial database created in Lab 3, create a View

- Over Interface,
- By T-SQL, and
- With option SCHEMABINDING.

<Follow Part 1 in the instruction of Lab 4 – Database system>

Task 2: Diagramming the Database

Create a Database Diagram.

<Follow Part 2 in the instruction of Lab 4 – Database system>