

Lab 5 - 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 5 – Database system (Instruction)
- [2] Book: Beginning SQL Server 2012 for Developers
- [3] Tutorial: <http://www.tutorialspoint.com/sql>
- [4] <https://sites.google.com/site/nttsteaching/home/database>

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 5 – Database system>

Task 2: Diagramming the Database

Create a Database Diagram.

<Follow Part 2 in the instruction of Lab 5 – Database system>