

Lab 3.

In this lab was used LINQ to SQL ORM framework for working with SQL Server database. Back end is code written on ASP.NET MVC 2.

The program contains model/entity class Student with fields ID, Name and GPA. Lab3DataContext class, which is inherited from DataContext class of .NET Framework, is used as Service Layer and stores an object of the Table class. The latter object comprises list of objects of Student class. All basic operations (insertion, deletion and updating) are made on the latter list. After calling of SubmitChanges() method of the Lab3DataContex's object all modifications applies to the database.