Laboratory work #3

Object relational mapping

In this task we learned how to use the object relational mapping. In my case I was using the asp.net mvc technology, entity framework. In this framework you need to create a context for a model, and this context will represent your database data.

In my project I used the code-first approach. It generates the database according to the context of a model, which in most cases contains the datatype of DbSet of objects “model”. And while you running the application the mvc searches for context, and creating database if needed. There is also so called database first approach, when you creating the database, and according to that build your model; both methods have its advantages and disadvantages. In my case I decided to choose the code-first approach, because it suited my needs.