**Objectives**

Get practice:

* Designing a domain model
* Using Entity Framework to manage a database
* Building scaffolding for CRUD operations
* Writing a database initializer

**Part 1: Model**

Create a domain model for a forum that you will add to the Community Information web site you built last week. First make a UML diagram, then write the code. The model should hold the following information (you can decide on the structure):

* Members
  + Name
  + E-mail address
* Messages which include:
  + Subject
  + Body
  + Date
  + From
* Topics (Message categories like: Events, For sale or rent, Neighborhood watch, etc.)

**Part 2: Scaffolding (controller, views and DbContext)**

Use the automatic scaffolding feature to create Controllers (based on your models) with their associated views, DbContext, and DbSet(s). You don’t need to modify the code created by the scaffolding. This won’t be a finished forum. You will continue refine it in future labs.

**Part 3: Database Initializer**

Add code to put at least four messages, two members, and two topics in the database.

**Submission**

Submit the following to Moodle:

* A UML diagram of your forum domain model in PDF format.
* Zipped solution folder for your web site (or a link to a repository or online storage)
* The completed code review form.