**Lab 2 methods and their explanation.**

Though this laboratory work, different patterns were used. They are: MVC, TemplateView, 2 step TemplateView. At model level, the service layer was used.

**Model**: Model is just a class **Post**, which has 2 fields. Class is being processed by Service layer.

**Service layer**: Class called **PostsOperations**. It contains methods for accessing and updating database. It also contains method which invoked method which returns string about website.

**Controller**: in constructor of controller instance of service layer is stored. This instance is then used in methods of controller class to provide manipulation with model.

**Server/view**: In class, which is derived from BaseHTTPHandler, 2 methods are overrided: do\_GET an do\_POST. Instance of controller is involved, to load needed data from model to list.

To generate page, program loads html page with special placeholder, which is then replaced by data came from model, this is a usage of Template view.

Example of loading using sequence diagram:

