

Day: 1

MVC: (Model View Controller)

ASP.NET is a framework for creating web application while MVC is a great architecture to organize and arrange our code in a better way.

Why we use ASP.NET MVC?

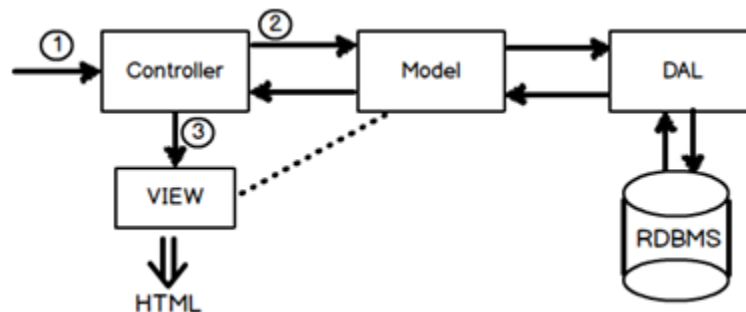
1. Response time: - How fast the server responds to request?.
2. Bandwidth consumption: - How much data is sent ?.

In Asp.Net MVC request flow in general moves as follows:-

Step 1:- The first hit comes to the controller.

Step 2:- Depending on the action controller creates the object of the model. Model in turn calls the data access layer which fetches data in the model.

Step 3:- This data filled model is then passed to the view for display purpose.



Note: DAL: Data Access Layer (DataBase)

ASP.NET Controller:

User interaction Logic?

When end user hits a URL on a browser.

Browser sends request to server and server sends a response.

By means of such request, client is trying to interact with server. Server is able to respond back because some logic is written at server end to fulfil this request.

Simple MVC program 1

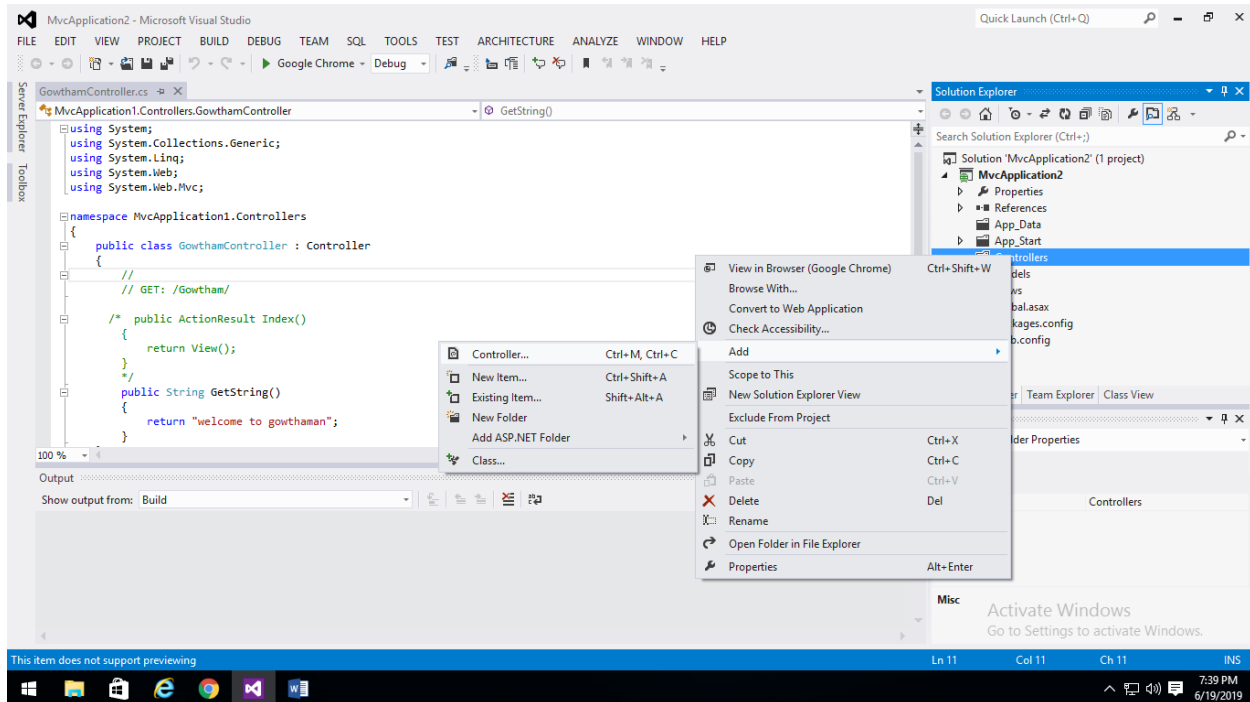
Step 1: open Microsoft visual studio 2012 (ultimate) or any. (or) run->devenv->ok.

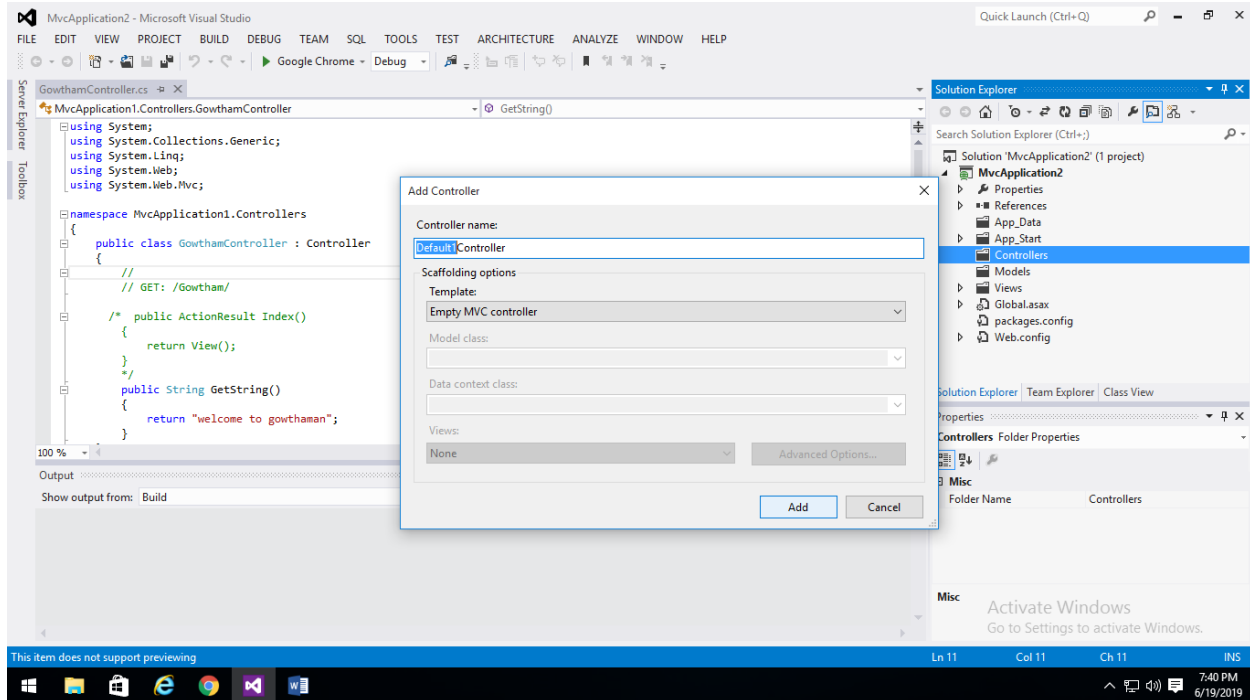
Step 2: Select General development settings (first time only – otherwise ignore step2)

Step 3: file → new → project → template → web → ASP.NET MVC 4 Application →

Template → empty or mvc → view engine → Razor → ok.

Step 4:





Step 5:

Execute and Test

Press F5. In the address bar put "ControllerName/ActionName" as follows. Please note do not type the word "Controller" just type "Gowtham".

