ASP.NET Web API Tutorial

1. Add the ConnectionString of the Database in the “Web.Config”.

2. Add this code in the “/App\_Start/WebApiConfig.cs”:

using System.Net.Http;

using System.Net.Http.Headers;

And this in the “public static void Register(HttpConfiguration config)”:

config.Formatters.JsonFormatter.SupportedMediaTypes.Add(new MediaTypeHeaderValue("text/html"));

4. Run API

5. Add users (go to "RegisterBindingModel" to see the requirements) and open Postman, then do the following:

<https://localhost:44339/api/Account/Register>

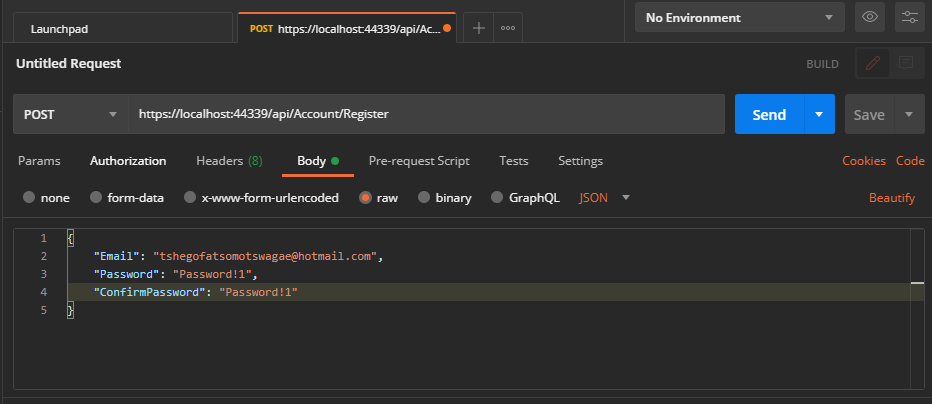
{

"Email": "",

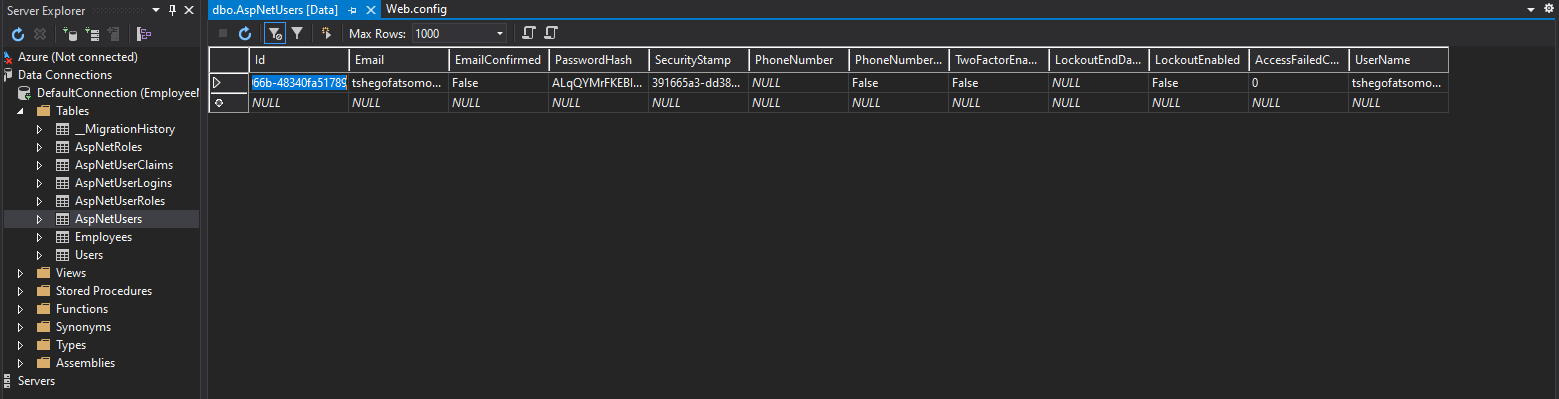
"Password": "",

"ConfirmPassword": ""

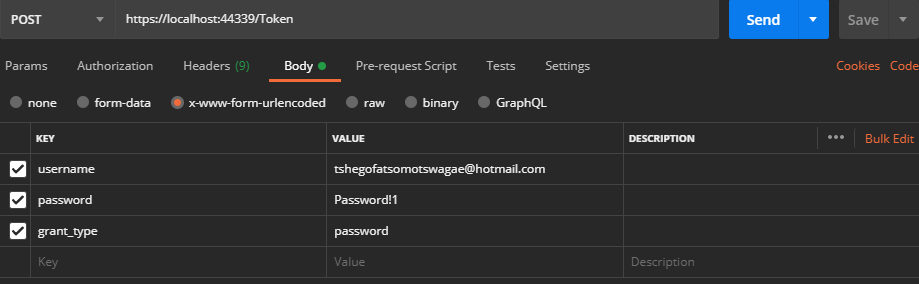
}

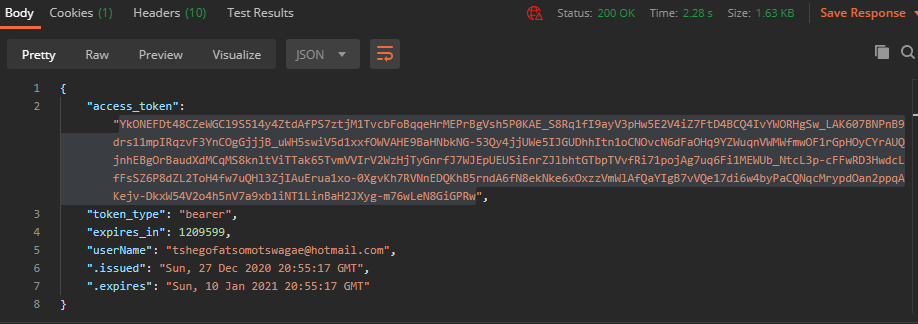


The following account would be created in the AspNetUser datable and along with the other datables as shown.

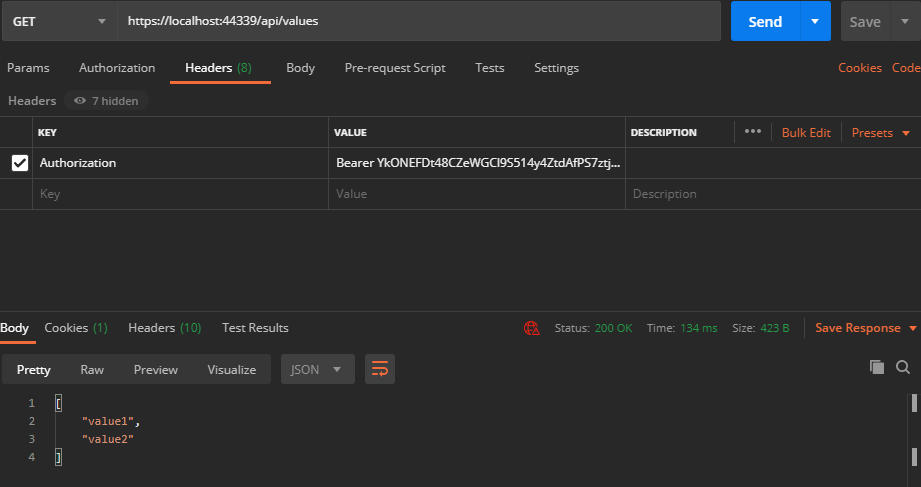


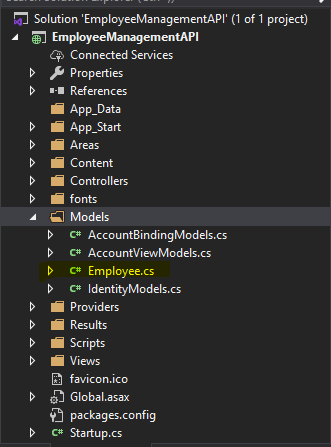
6. Run this POST HTTP request to get the access token (“grant\_type” value never changes).



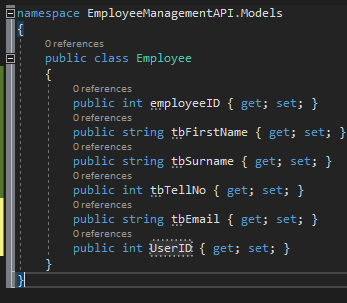


7. Run this HTTP request to test the access token.

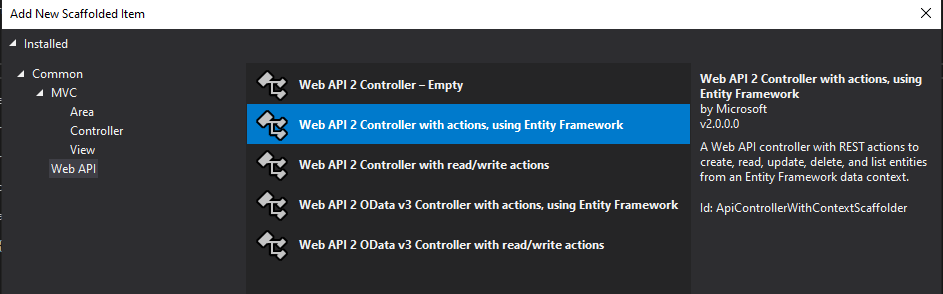


8. Add a new class in the “Models” folder.

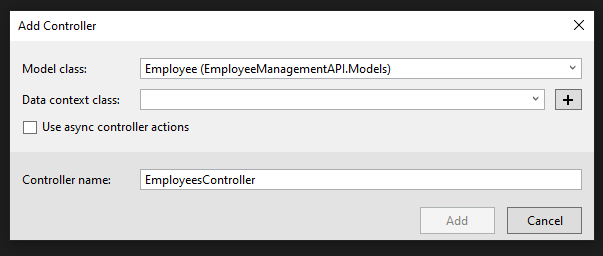
Add the following code, the build the solution.



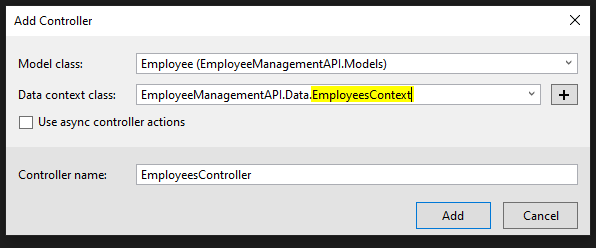
Add a new a controller (Web API 2 Controller with actions, using Entity Framework) in the “Controllers” folder.



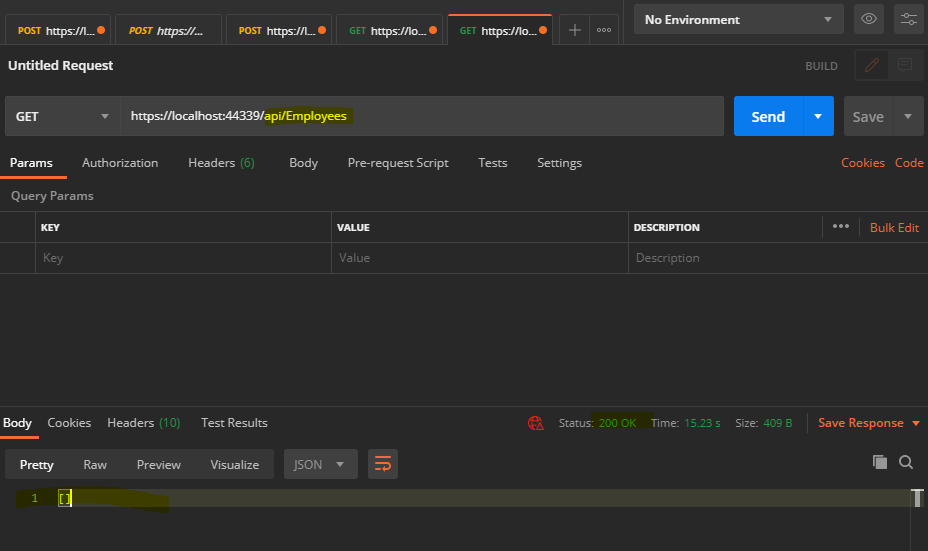
When this pop-up displays, choose the Employee model (which is the model that was just created) on “Model class:”.



Then click on the plus sysmbol button to add a new “Data context class”, it will display another pop-up just rename it after the “EmployeeManagementAPI.Data.” to have a similar name to the model previously created. Then press add.



9. Testing the Employees Model API



This URL “<https://localhost:44339/api/Employees>” can be found in the “\Controllers\EmployeesController.cs”

