

1. Open visual studio
2. Create a new project
3. Select ASP.Net core web API -> next
4. Create a new project name & folder location -> next
> Press create

After project Creation

1. Create a new controller -> right click on controller ->add
->controller ->add -> MVC Controller – Empty -> in Name
(anynameController.cs) ->next
2. (anynameController.cs) inside
3. Projectname -> new folder ->Model
4. Model -> Add -> Class -> name.cs ->add ->
public int id {get ; set;}

namecontroller.cs

```
[HttpGet("school/Getstudentdetails")]
```

```
public JsonResult Getstudentdetails()  
{  
    List<student> List = new List<student>();  
    List.Add(new student { Id = 1, Name = "a" });  
    List.Add(new student { Id = 2, Name = "b" });  
    List.Add(new student { Id = 3, Name = "c" });  
    return Json(new {stuList = List});  
}
```

Run

For post and all method

```

using Microsoft.AspNetCore.Mvc;
using Microsoft.Data.SqlClient;
using new1.Model;
using System.Data;
using System.Collections.Generic;

namespace new1.Controllers
{
    public class SchoolController : Controller
    {
        private readonly IConfiguration _configuration;
        public SchoolController(IConfiguration Configuration)
        {
            _configuration = Configuration;
        }
        public IActionResult Index()
        {
            return View();
        }

        [HttpGet("school/Getstudentdetails")]

        public JsonResult Getstudentdetails()
        {
            List<student> List = new List<student>();
            List.Add(new student { Id = 1, Name = "a" });
            List.Add(new student { Id = 2, Name = "b" });
            List.Add(new student { Id = 3, Name = "c" });
            return Json(new { stuList = List });
        }

        [HttpGet("school/GetEmployee")]

        public JsonResult GetEmployee()
    }
}

```

```

    {
        List<Employee> List = new List<Employee>();
        List.Add(new Employee { EmployeeId = 1, Name = "a",
Age = 20 });
        List.Add(new Employee { EmployeeId = 2, Name = "b",
Age = 21 });
        List.Add(new Employee { EmployeeId = 3, Name = "c",
Age = 23 });
        return Json(new { stuList = List });
    }

```

```

[HttpGet("Ecom/GetCategoryDetails")]
public JsonResult GetCategoryDetails()
{
    string constr =
_configuration.GetConnectionString("con");
    DataTable dataTable = new DataTable();
    List<category> list = new List<category>();
    SqlConnection con = new SqlConnection(constr);
    SqlCommand sqlCmd = new
SqlCommand("CategorySP", con);
    sqlCmd.CommandType =
CommandType.StoredProcedure;
    sqlCmd.Parameters.AddWithValue("@Action",
"GetCategory");
    SqlDataAdapter adapter = new
SqlDataAdapter(sqlCmd);
    adapter.Fill(dataTable);
    con.Close();
    if (dataTable.Rows.Count > 0)
    {
        for (int i = 0; i < dataTable.Rows.Count; i++)
        {
            list.Add(new category
            {

```

```

        categoryId =
int.Parse(dataTable.Rows[i]["CategoryId"].ToString()),

        categoryName =
dataTable.Rows[i]["Category"].ToString()
    });
    }
}
return Json(new { catList = list });
}

[HttpGet("Ecom/GetSpecificCategoryDetails")]
public JsonResult GetSpecificCategoryDetails(int catId)
{
    string constr =
_configuration.GetConnectionString("con");
    DataTable dataTable = new DataTable();
    List<category> list = new List<category>();
    SqlConnection con = new SqlConnection(constr);
    SqlCommand sqlCmd = new
SqlCommand("CategorySP", con);
    sqlCmd.CommandType =
CommandType.StoredProcedure;
    sqlCmd.Parameters.AddWithValue("@Action",
"GetSpecificCategoryProducts");
    sqlCmd.Parameters.AddWithValue("@categoryId",
catId);
    SqlDataAdapter adapter = new
SqlDataAdapter(sqlCmd);
    adapter.Fill(dataTable);
    con.Close();
    if (dataTable.Rows.Count > 0)
    {
        for (int i = 0; i < dataTable.Rows.Count; i++)
        {
            list.Add(new category

```

```

        {
            categoryId =
int.Parse(dataTable.Rows[i]["CategoryId"].ToString()),

            categoryName =
dataTable.Rows[i]["Category"].ToString()
        });
    }
}
return Json(new { catList = list });
}

[HttpPost("Test/PostMethod")]
public JsonResult PostValue([FromBody] category c)
{
    string constr =
_configuration.GetConnectionString("con");
    SqlConnection con = new SqlConnection(constr);
    con.Open();
    SqlCommand sqlCmd = new
SqlCommand("CategorySP", con);
    sqlCmd.CommandType =
CommandType.StoredProcedure;
    sqlCmd.Parameters.AddWithValue("@Action",
"InsertCategory");
    sqlCmd.Parameters.AddWithValue("@category",
c.categoryName);
    string str = sqlCmd.ExecuteScalar().ToString();
    con.Close();
    if(str == "1")
    {
        return Json(new { success = true });
    }
    else
    {
        return Json(new { success = false });
    }
}

```

```
    }  
  }  
}
```

App.setting

```
"AllowedHosts": "*",  
"ConnectionStrings": {  
  "con":  
    "Server=DESKTOP-E7FP35U\\SQLEXPRESS;Database=ECOM1;Trusted_Connection=True;TrustServerCertificate=Yes"  
}
```

Model.cs

```
public class category  
{  
    public int categoryId { get; set; }  
    public string categoryName { get; set; }  
}
```