//for Data protection

builder.Services.AddDataProtection();

Inject dependency in controller

public class ValuesController : ControllerBase

{

IDataProtector \_protector;

public ValuesController(IDataProtectionProvider \_provider)

{

\_protector = \_protector.CreateProtector("somedata");

}

using Microsoft.AspNetCore.DataProtection;

using Microsoft.AspNetCore.Mvc;

using System.Collections.Generic;

using WebApi.Modells;

// For more information on enabling Web API for empty projects, visit https://go.microsoft.com/fwlink/?LinkID=397860

namespace WebApi.Modells

{

class User

{

public int Id { get; set; }

public string Name { get; set; }

}

}

namespace WebApi.Controllers

{

[Route("api/[controller]")]

[ApiController]

public class ValuesController : ControllerBase

{

IDataProtector \_protector;

List<User> list = null;

public ValuesController(IDataProtectionProvider \_provider)

{

\_protector = \_provider.CreateProtector("somedata");

list = new List<User>()

{

new User() {Id= 1,Name="Ajay" },

new User() {Id= 2,Name="Sagar" },

new User() {Id= 3,Name="Deepak" },

new User() {Id= 4,Name="Jay" },

new User() {Id= 5,Name="Vjay" }

};

}

// GET: api/<ValuesController>

[HttpGet]

public IActionResult Get()

{

var output = list.Select(x => new {

Id = \_protector.Protect(x.Id.ToString()),

x.Name});

return Ok(output);

}

// GET api/<ValuesController>/5

[HttpGet("{id}")]

public IActionResult Get(string id)

{

int id1 = int.Parse(\_protector.Unprotect(id));

var user = list.FirstOrDefault(x => x.Id == id1);

if (user != null)

{

return Ok(user);

}

else

return BadRequest();

}

}

}