

# Building API Controller & Client Data Service



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**Home Controller**  
HomeController.cs

/

**Homes Controller**  
HomesController.cs

/homes

**Homes API  
Controller**  
HomesApiController.cs

/api/homes

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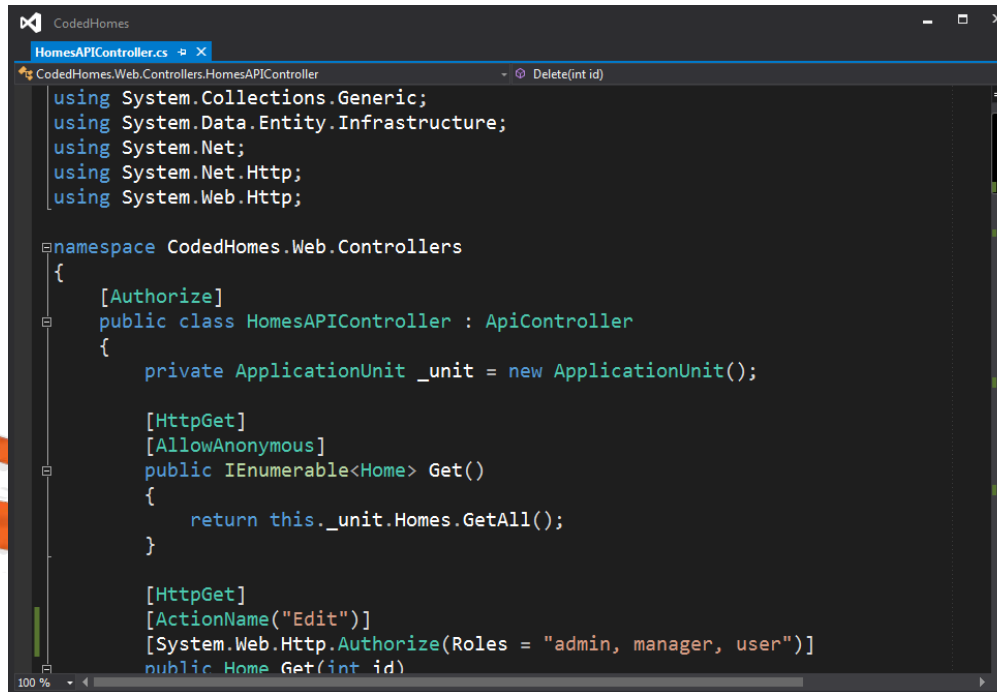
**Homes Controller**  
HomesController.cs

/homes

**Homes API  
Controller**  
HomesApiController.cs

/api/homes

# Summary



```
using System.Collections.Generic;
using System.Data.Entity.Infrastructure;
using System.Net;
using System.Net.Http;
using System.Web.Http;

namespace CodedHomes.Web.Controllers
{
    [Authorize]
    public class HomesAPIController : ApiController
    {
        private ApplicationUnit _unit = new ApplicationUnit();

        [HttpGet]
        [AllowAnonymous]
        public IEnumerable<Home> Get()
        {
            return this._unit.Homes.GetAll();
        }

        [HttpGet]
        [ActionName("Edit")]
        [System.Web.Http.Authorize(Roles = "admin, manager, user")]
        public Home Get(int id)
        {
            // ...
        }
    }
}
```

# Summary



Next Up....

## Building the Homes List

 CodedHomes 

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### Homes



129 Street St.  
Anytown, CA 90210

284,000

Close to local magnet schools.



128 Street St.  
Anytown, CA 90210

283,000

Includes a huge bonus room great for an office or playroom.