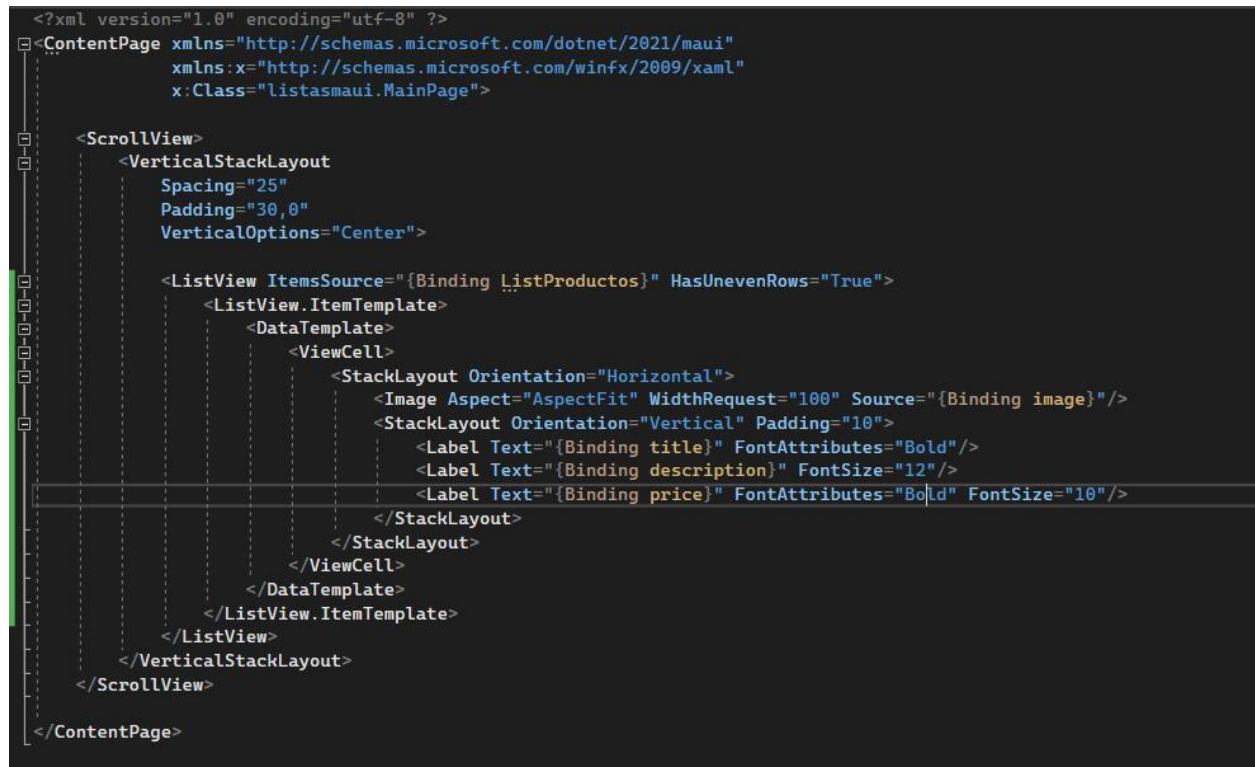
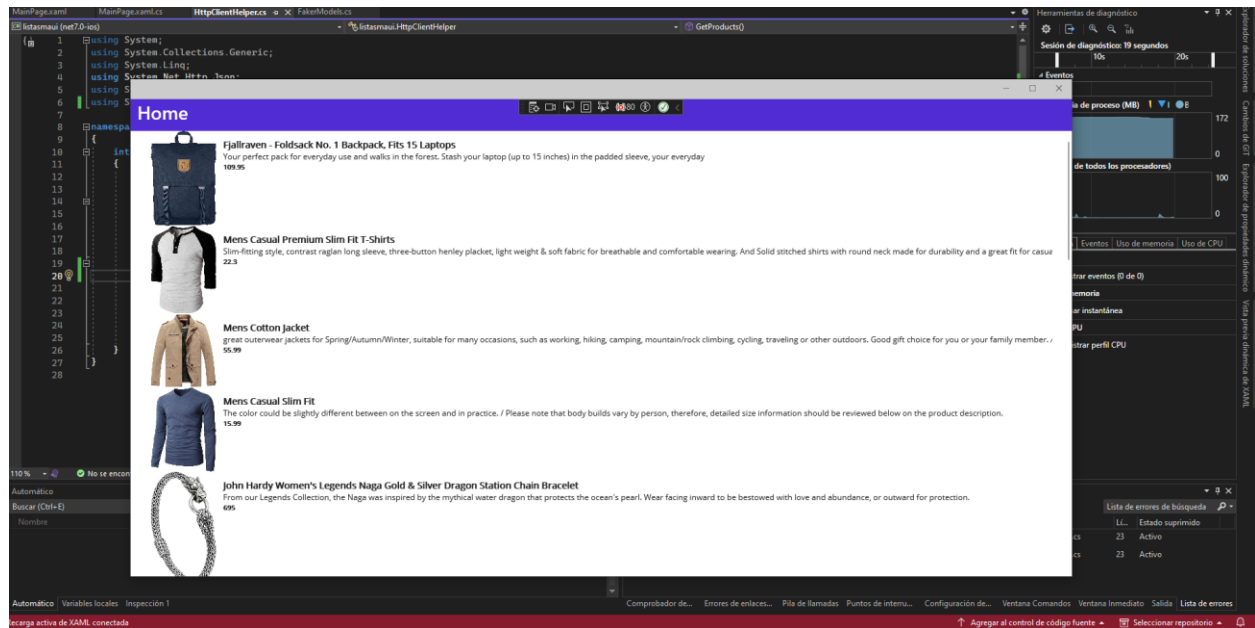


## Fernando Javier Herrera Mayorga



```

1  using System.Collections.ObjectModel;
2
3  namespace listasmaui;
4
5  public partial class MainPage : ContentPage
6  {
7      public ObservableCollection<Product> ListProductos { get; set; }
8
9
10     public MainPage()
11     {
12         InitializeComponent();
13
14         this.BindingContext = this;
15
16         Task.Factory.StartNew(async () =>
17         {
18             var httpClient = new HttpClientHelper();
19             var productos = await httpClient.GetProducts();
20
21             ListProductos = new ObservableCollection<Product>(productos);
22
23             Device.BeginInvokeOnMainThread(() =>
24             {
25                 OnPropertyChanged(nameof(ListProductos));
26             });
27         });
28     }
29 }
30
31

```

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Net.Http.Json;
5  using System.Text;
6  using System.Threading.Tasks;
7
8  namespace listasmaui
9  {
10     internal class HttpClientHelper
11     {
12         private HttpClient _httpClient;
13
14         public HttpClientHelper()
15         {
16             _httpClient = new HttpClient();
17             _httpClient.BaseAddress = new Uri("https://fakestoreapi.com/");
18         }
19
20         public async Task<List<Product>> GetProducts() {
21             var response = await _httpClient.GetAsync("products");
22
23             var ListProducts = await response.Content.ReadFromJsonAsync<List<Product>>();
24
25             return ListProducts.ToList();
26         }
27     }
28 }

```

```
7 namespace listasmaui
8 {
9     public class Rating
10     {
11         public double rate { get; set; }
12         public int count { get; set; }
13     }
14
15     public class Product
16     {
17         public int id { get; set; }
18         public string title { get; set; }
19         public double price { get; set; }
20         public string description { get; set; }
21         public string category { get; set; }
22         public string image { get; set; }
23         public Rating rating { get; set; }
24     }
25 }
26
27
```