# HTTP Verbs

Graphical user interface, diagram

Description automatically generated

# Consuming Web API from Asp.NET Core Website

1. HttpClient is the .NET class which is used for connecting to and consuming Asp.NET Web API
2. Do not instantiate this class manually. Use Dependency Injection.
3. builder.Services.AddHttpClient<IService, Service>();

OR

builder.Services.AddHttpClient<IService, Service>(client => {

client.BaseAddress = new Uri(“https://localhost:7081/api”);  
});

1. In Service class constructor

public Service(HttpClient httpClient)  
{  
 \_httpClient = httpClient;  
}

1. Use this as follows

var uri = new Uri(\_httpClient.BaseAddress, “Flights/CHN/BOM/27-Jun-2022”);

var responseText = \_httpClient .GetStringAsync(uri);  
var response = JsonConvert.DeSerializeObject<FlightDto>(responseText);