# Introduction:

This solution is implemented using open source technologies, the choices I made can run on any platform (i.e. Windows, Linux and Mac)

The following instructions can be used to run on any preferred platform.

# Requirements:

In order to run the solution, you need to install the following tools and SDKs:

1. [Node.Js](https://nodejs.org/en/download/current/)
2. [.Net Core 2 SDK](https://www.microsoft.com/net/download/core)
3. [Visual Studio Code](https://code.visualstudio.com/)
4. Angular-cli and Typescript  
   run the following commands in terminal   
   npm install – g @angular/cli@1.2.1  
   npm install –g [typescript@2.3.4](mailto:typescript@2.3.4)
5. Angular pakcages  
   run the following command in terminal  
   cd [PATH\_TO\_PRJECT]  
   npm install

# How to Run Backend:

Using visual studio code, open project API folder : ‘[PATH\_TO\_PRJECT]\API\GDP.AdsCheckout.API\GDP.AdsCheckout.API’  
  
from toolbar select Debug 🡪 Start Debugging  
when ready, you can run the front end.

# How to run Frontend:

Using visual studio code, open project API folder: ‘[PATH\_TO\_PRJECT]’

From toolbar select View 🡪 Integrated Terminal

Run this command :  
 ng serve

Open your browser and enter the URL http://localhost:4200