GRIP Case Study : **Item Trader**  
  
Please consider this as an opportunity and a challenge to showcase the best of yourself. There are no wrong or right answers here, but remember we are looking for talented developers that not only write great code, but who can explain and reason about their work and can help others to the next level.  
  
The assessment has two parts:

* Part one: Building a basic .Net Core WebAPI solution
  + Please use C# and Visual Studio
  + The structure of your solution is up to you
  + Cover your code with unit tests
* Part two: Cover one or more of the following
  + Deploy the application to Azure or AWS
  + Show or explain how you structured the application, e.g. by describing or sharing architecture or any challenges you had.

Part One:

Develop a system that represents people trading unique items over the internet. Say you got Alice and Bob and items are broom, stick and a flower. For a sake of simplicity let's assume there is no price, all items are of the same value.

You need to create and API to transfer things between people.

Part Two:

The second part of the assessment is really about your approach to the problem. Pick one or more of the topics below:

* Create a pipeline to build and deploy the application to Azure or AWS
* Explain your solution

Prepare to present:

Please provide us where and how we can access your API solution and the source code in a git repo so we can share it with our internal team.

If you have any specific questions, feel free to contact us any time. Wish you every success and many thanks for taking the time to work on these!