The purpose of this test is to understand the capabilities both on backend server programming using C#, ASP.NET Web API and SQL server, and on the frontend, with client side technologies - VUE.JS+typescript(preferred) or simple html+JS (in this case you can use a skeleton asp.net page).

For this test, you'll be required to develop a simple photo upload application which contains:
- A page where you will list the existing items, and how many images exist by shape and metal. There should be an edit photo button that will open the upload page (below described).
- A page where you can upload the images for a specific item. Example:

- Each item can have multiple metal types, and several diamond shapes. For each of the metal, the user can add images for each shape (keep it simple in terms of interface).

Your solution should take into consideration best practices, using Entity Framework to manipulate database data, and also look into the best performant solution. We're providing you the database creation/populating scripts(attached).

Delivery:
You should deliver a **working** .NET solution, containing all the assets necessary to run the project. Alternatively you can send us your Git repo for cloning (will get you bonus points).

You will be evaluated in:

Analysis criteria:

Criteria	Weight
Correct usage of the entity framework, following best practices	8
Understanding of .NET libraries	8
Understanding of ASP.NET Web API	8
Usage of javascript/typescript to retrieve data and populate the front-end	7

| DOM manipulation | 7 |
| .Net Project Structure | 6 |

Bonus points:

Criteria	Weight
Git knowledge	5