Backend developer code challenge

This following exercise is intended to help aid discussion - there is no right implementation and there are no wrong answers. You will have to make assumptions to complete the implementation. Please document your assumptions. Please limit the scope of your preparation to 4 hours. We’re not looking for a full solution or a working solution – it’s up to you where you put the focus.

The solution should be implemented in C#. Document what you have left out of the scope.

**Domain: Customer identity and customer data**

This is your challenge:

**Part 1**

Design and implement a prototype for a REST service with endpoints for following actions:

1. Create a customer
2. View one customer
3. Edit an existing customer
4. Delete a customer

Endpoint responses should have meaningful status codes, as a minimum 200 and 400. Bad request response should list meaningful error message.

**Part 2**

Reflect on the data model and explain the various data types involved

**Part 3**

A customer has a nationality and a status ("Taken for processing", "Qualified" or "Out of scope"). Make an endpoint to view all qualified customers from a given country.

**Part 4**

Reflect upon which elements (if any) would make sense to source from a SaaS and why

We look forward to discussing your solution to this exercise!

The result should be uploaded on github and an invitation to the repo should be sent to

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