Bridge Role Compatibility Check

The focus of this document is to evaluate the compatibility of you as a potential Doctorly Employee within the Infrastructure & Services Team.

This is not a hardcore coding test, its aim is to allow you to express your opinions and demonstrate your knowledge.

Furthermore, the requirements are not always concrete in order to assess your creativity and logical thinking. There is no wrong. All options are valid as long as you explain them. Will you rely on any major 3rd party libraries? That's fine, explain your choice.

Delivery

- Please use an online repository system and develop the task in a similar manner as to how you would develop a task for your work.

- You can also include a written document with a discussion of your thoughts and choices.

- We do not expect you to build a full system in the couple of hours assigned to this task. Instead, we want to see a reasonable start. Get as far as you can. This can be the scaffolding and some architectural choices, or a single vertical/API that will serve as the prototype for future development.

- The task should be completed in approximately 3 to 4 hours.

The Task

In order to preserve all the food recipes of the world you are given the task of creating an API system that handles the storage and governance of that data.

System Implementation Points
- The system should be built on top of Entity Framework
- The system should be built with .Net Core
- The API should have a client that will be consumed by 3rd parties
- The API will have public facing documentation
- Users will have different level of access

Project Implementation Points

- The recipe system should have a high level of granularity i.e ingredients, country, year etc
- Because the preservation of recipes is of great importance and value, how do you deal with updates to such a system that occur due to differences of opinion between the maintainers?
- Recipes can have a conflicted history in terms of origin, i.e multiple countries, people, and variations, although they have the same name etc.
- Recipes change over time, and history should be preserved