

This test is designed to see how you would go about creating an API for use in an Angular 11 application. For this task a small database has been provided which contains some veterinary product data which should be used as the underlying data source for your API. Please see how much you can accomplish between now and next Tuesday. If you could either check in the solution to a private repository in Github and let us know the details, or email your zipped solution before the interview that would be great. Good luck!

Please create a .Net Core 3.1 project for this task.

Below is a list of some free software you might need if you don’t already have this installed.

**SQL Server Express 2019**: [https://www.microsoft.com/en-gb/sql-server/sql-server-2019](about:blank)

**Visual Studio Community**: [https://visualstudio.microsoft.com/vs/community/](about:blank)

Please use the database provided to create an API that can be used to query and update the database table of products.

* The API should contain a call to select all active and non-deleted products. These should be ordered by newest created first.
* The API should contain a call to select all dangerous drugs whilst excluding those that are deleted or inactive from the list.
* The API Should allow a call to update a product description and return a success message or error message depending on whether the update has worked.

Calls to the API should be from a UI implemented in a small Angular 11 application which then displays the results to the screen in whichever way you choose.

If time permits you should try and use **Swagger** [https://swagger.io/](about:blank) to document and test your API and share this with us as part of the solution.

The data returned by the API can either be JSON or XML and structured as you wish.

Any problems or questions please email me: **darren.beake@2sys.co.uk** or **eteeq.berki@2sys.co.uk**