



.NET Developer Technical Test Instructions (Mid level)

You are to develop a simple full stack application to show your ability to build a back end application from scratch, your attention to detail and problem-solving skills. The task is not expected to take more than a few hours and the requirements are straightforward to allow you the opportunity to demonstrate flair and ingenuity.

Database

PostgreSQL Server using the provided SQL or whichever persistence you prefer

Design

- Latest version of .NET Core
- Latest version of PostgreSQL Server or preferred persistence
- Clean architecture
- Following SOLID principles

API

- Use of Swagger UI
- An endpoint which returns a list of available sports and the number of times they have been favourited.
- Another endpoint which returns a list of people along with their favourite sports whether they are valid, enabled and authorised.
- An endpoint which returns a single person record with their favourite sport (if any).

Submitting your solution

Once you have completed your technical test, please share the whole project on GitHub and notify us via email on hr@tappit.com.

You are to provide a working solution with tests and executable code. We will be executing any tests locally to see if they work. We will also be running the application locally to check the Swagger documentation and whether the front end functions as expected.

If you have any questions regarding the technical test, please don't hesitate to contact us.