

# SENIOR .NET CORE DEVELOPER EXAM

## **Instructions:**

- Create a simple Web API in .NET Core which records the temperature of employees. You may use any ORM framework and Database provider. However, we expect your code to implement the SOLID principles and a Logging implementation.

### **Endpoints Needed:**

- Add an employee record
- Update an employee record
- List of all employees
- Search (By Employee Number, First Name, Last Name, Record date range or Temperature range)

### **Sample Model:** (You may improve it however you want)

- Employee Number (Primary Key)
  - First Name
  - Last Name
  - Temperature
  - Record Date
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- Save your codes in your personal GitHub/ GitLab account and provide us the link to your project repository. You may send your test output/ link to [jill.vega@flexisourceit.com.au](mailto:jill.vega@flexisourceit.com.au).

**Good luck and happy coding!**