**Task**

Create a C# solution for managing Employees details. User must use a desktop application in (Win-Forms or WPF) to add, edit, remove, view and search and export (CSV or Tab separated) Employee details. Employed details have been exposed through RESTful service.

Note: Please implement at least 2 functionalities (add, edit, remove, view and search and export)

**RESTful service:**

- Use [https://gorest.co.in/public/v2/](https://gorest.co.in/public-api/) to perform CRUD operation

- **API Token:** 0bf7fb56e6a27cbcadc402fc2fce8e3aa9ac2b40d4190698eb4e8df9284e2023

**- CRUD APIs:**

GET /public/v2/users: list all users.

GET /public/v2/users?first\_name=john: list all users with first\_name contains john.

POST /public/v2/users: create a new user.

GET /public/v2/users/123: return the details of the user 123.

PATCH /public/v2/users/123 or PUT /public/v2/users/123: update the user 123.

DELETE /public/v2/users/123: delete the user 123.

For paged result set parameter "page" should be passed in url ex: GET /public/v2/users?page=5 will get 5th page results. If non existing page number is passed, then last page results will be returned.

**Windows application:**

- Use WPF

**Language**:

C# (preferably .Net core )

**General**

- Push your code to Github or send this back as source files (no binaries)

- Solution must compile

- If any additional dependency must be installed or configured to compile or run solution, these dependencies must be specified in additional document.

**Restrictions:**

- You have one week to complete this task.

- Code should be clean, modular, scalable and reusable.

**Bonus points for:**

- Use best practices and design patterns

- Solution should utilize resources wise

- Thinking of data concurrency

- Automation tests (Unit tests, Moq etc.)

- Anything else you think worth adding

Good luck!