ELEKTA CODING CHALLENGE

SOFTWARE ENGINEER – REMOTE SERVICES

PREREQUISITS

In order to complete this coding challenge, you will require the following:

- Visual Studio 2015 (A free community edition can be obtained from the following link https://www.visualstudio.com/free-developer-offers/)
- The CodingExercise.zip
- The solution should build successfully on your system

If you have any difficulty with this then please contact your recruitment agency.

THE CODING CHALLENGE

One of our junior developer has implemented a reporting application for a veterinary practice. He has sent his code to you for a walkthrough/code review.

We would like you to give him some guidance on how he can improve his code. Things that he/you may want to consider:

- The application should be extensible.
- The structure of projects in the solution.
- Good unit testing practices.
- Adherence to SOLID principles.
- Clean code principles.
- The solution should be object-oriented.

Refactor his code, making a note of the changes you have made and why.

DELIVERABLES

E-mail your contact at Elekta with your solution. Your e-mail must include:

- A file attachment (ZIP file type) containing all of the files (i.e., C# source code, Visual Studio C# project) required to build your Microsoft .NET C# project. Include the provided source code files in your project.

QUESTIONS

If you have any questions regarding this coding challenge, then please forward them to your Elekta contact and we will get back to you as soon as possible.