Hello,

This is revisited version of project. This documentation is changed.

**GOOD SIDES:**

**- Implemented exception handling**

**- Implemented caching**

**-Added check on application start to see if Rest Web Api is online. If not application will not start.**

- It works with good performance (network is only bottleneck here)

- All requested features fully implemented

- Bug free **(NOW BUG FREE)**

- Good looking and intuitive UI

- Paging mechanism (previous, next page of search)

- Full Software Requirements Specification Documentation with Sequence Diagrams (please read...)

- Implemented logging mechanism (log4net)

- Asyncrhrous calls to web api with no possiblities to skip over code before reciving message from web api (full async await chain)

- Achitecture and programing stlye is set in that way that it can be scalable

- Code is excelently documented (Summaries are everywhere in code)

- OK security (connection to web api using bearer token which ensures atleast some kind of security)

**BAD SIDES:**  
- Some parts of the code are realy hard to unit test (WinForms controls, HttpClient)

-Improvments in architecture would result in better testability. Open for suggestions.

- Mostly unit tested (75%+ coverage, I aim usualy towards 90%+ but didnt have time to unit test all classes and cases, so some technical debt is left there)

**POSSIBLE IMPROVMENTS:**

- better unit testing and better architecture which would lead to better unit testing coverage

- move from .NET framework to .NET Core (figured out late in development that app is on .NET Framework 4.7.2)

Thanks,

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