Design and implement an API (Application Programming Interface) according to the requirements below:

- Implementation should be done in C#
- The output of the application must be a Library not a Web Application
- The API have to connect TCMB currency service to get currency rates.
  - http://www.tcmb.gov.tr/kurlar/today.xml
- The API must provide the ability to filter and sort the records by one or more fields (e.g. filter by Currency or sort by Currency Buying/Selling Amounts ASCENDING/DESCENDING)
- The API must provide the ability to export sorted/filtered records.
  - The API must support CSV and XML export formats. But it should provide an easy plugin/extension mechanism for new formats (ex. JSON)
- You must also provide unit tests covering core parts of your implementation.

You should also provide brief explanation of your solution:
- Any assumptions and reasoning behind your API design
- Implementation trade-offs you made, used design patterns, possible performance issues, etc.
- List of 3rd party libraries used
- Instructions on how to compile/run unit tests.

Note: it will be easier for us to evaluate your solution if you provide it in Visual Studio project format.