# Code challenge TKB

The code challenge is as follows. Given the example table, the xml schema and the example files, create a tool that synchronizes the Debtors table contents to match the contents of a file that validates against the schema. A unique debtor can be recognized by the Number field.

## Must have

* Visual Studio 2017 must be able to open, build and run the project
* Accept a file as an input parameter and update the Debtors table
  + New debtors should be added to the table
  + Changed debtors should be updated in the table
  + Debtors not in the file should be marked as Closed in the table
* Provide feedback on the total number of debtors inserted, changed and closed after synchronization

## Should have

* Make sure unchanged debtors are not updated at all
* Provide feedback on the total number of debtors inserted, changed and closed before synchronization

## Could have

* Create a graphical user interface that provides all functionality and also displays the current table contents
* Provide feedback on the details of inserted, changed and closed debtors before synchronization
* Be able to exclude values from synchronization
* Be able to generate a new example file based on the current table data