The following table contains a list of the bugs and issues found with the Case for Change (CfC) database change management utility. This list is a preliminary set of observations based on a set of basic application functional test. It is likely that a more detailed list of bugs and issues will be produced once we have completed a more detailed level of tests.

We do realise that English isn’t your first language and appreciate your considerable efforts in having to work in a foreign language. Having said that, we should point out that as a general observation and comment, we would like to have all text and informational messages properly translated to grammatically correct English at some point. We are happy to assist in this.

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| **Ref.** | **Category** | **Bug Ref.** | **Bugs, Issues & Questions** | **Evidence & Screen Prints** | **Date Reported** | **Date Fixed** |
| **1** | Settings | 1.1 |  |  |  |  |
|  |  | 1.2 |  |  |  |  |
| **2** | Testing the service | 2.1 | Am I right in assuming that the finished product will come in the form of a compiled application that can be executed from a web page? |  |  |  |
|  |  | 2.2 | At some point we will need to look at the final presentation of the application screen and language of the informational messages that appear up on screens |  |  |  |
|  | + | 2.3 | As a word of observation, can I also ask you to make sure that you test the functions you deliver before you release them in order to iron out basic errors before we find them? The reason I mention this is because it doesn’t look as though there has been any great level of testing on the restore functions. |  |  |  |

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| **3** | + Preparing database | 3.1 | Can you also confirm that the previously discussed issue of needing the put the DB into ‘Single user mode’ has now been resolved? If it has does the check box at the top of the screen print actually work? |  |  |  |
|  |  | 3.2 |  |  |  |  |
| **4** | Launching testing tool | 4.1 |  |  |  |  |
|  |  | 4.2 |  |  |  |  |
| **5** | +Backup database | 5.1 | If the directory specified for a database backup doesn’t exist the backup process fails. | See Fig. 1 | 5/1/2011 |  |
|  |  | 5.2 |  |  |  |  |
| **6** | +Restore database | 6.1 | When restoring a DB from a ‘.bak’ file the wait symbol continues to cycle even after the file has been selected. |  |  |  |
|  | + | 6.2 | The restore routine doesn’t appear to be looking in the correct sub-directory for the backup file that needs to be restored. Shouldn’t this be the same as the one specified in the web-config file that the backup is written to? |  |  |  |
|  | + | 6.3 | If the backup folder contains more than one backup file there is no option to search and select the relevant file. Perhaps this should be the same process as the one used to select the database where there is a choice of more than one in the folder. |  |  |  |
|  | + | 6.4 | The system doesn’t allow the user to restore a database to a live database and so the option available to us is to leave the application and to create a new empty or blank database via SQL Express. We can then return to the application and select the newly created DB to restore to. Would it be possible to add an option to the end of list of Databases names that says something like ‘Create New’? This would allow all the activity to be completed within the control of the application itself. |  |  |  |
|  | + | 6.5 | When restoring a DB the application gives the following syntax error (See the Fig. 5 screen print below). I suspect that this is because the use of “-“ in a file name isn’t allowed but the error message doesn’t say that and perhaps it should. |  |  |  |
| **7** | +Renaming tables | 7.1 | This appears to work but can you confirm that the database integrity is maintained (e.g. all relationships and dependencies are kept) |  |  |  |
|  |  | 7.2 |  |  |  |  |
| **8** | +Inserting columns | 8.1 | When inserting a new text column to an existing table the insert fails with an error | See Fig. 2 & Fig. 3 | 5/1/2011 |  |
|  | + | 8.2 | When inserting a new text column with a default value to an existing table the insert fails with an error | See Fig. 4 | 5/1/2011 |  |
|  | + | 8.3 | Would it be possible to display a count of rows of records that contain data when inserting new columns or renaming tables as this would give us some reassurance that the data has been maintained and not lost during the process? |  | 5/1/2011 |  |
| **9** | About Service | 9.1 |  |  |  |  |
|  |  | 9.2 |  |  |  |  |

**Additional Questions**

1. You will recall that when we first discussed this project we requested that you use the DB\_Changes table to record any changes to the database and to keep a log of the versions of the database.  Our thought here is that before anything is done to the database the application should;
   1. Get the current version number of the database from the DB\_Changes table and display that to the user
   2. It should then prompt the user for the new version number to be created and written to the table if any changes are made.  The reason for asking to user to supply the version number to be created is in order that the users can choose to create either a minor version change e.g. from 2.1 to 2.2 or a major version change from 2.1 to 3.0

The DB\_Changes table already exists in the database and most of the columns you’ll need to populate are already there, however, please feel free to modify the table as you see fit if it help to enhance functionality.  If the table is populated with the right level of information we would ultimately like to use it to migrate a database from one version to another.

**Evidence & Screen Prints**

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| Fig. 1 | Fig. 2 |
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| --- | --- |
| Fig. 3 | Fig. 4 |
| Fig. 5 |  |