# Proposed changes to HRC Member Database – 17 July 2020

I have had a rather good couple of weeks with the new system, to the point that I believe that I'm pretty close to being finished with development.  In my last report, I listed four major tasks to be accomplished.  Here are updates for those tasks:

1.  DB File – I have had good luck with the SQLite product, which is free for us.  It seems able to handle our load without concern and is responsive in my test environment.  I have no reason to question my decision regarding database supplier.

2.  Screens & Logic – I believe that I have met all the requirements for the three main screens and the logic behind those screens.  That applies to the requirements that I have made up myself.

3.  Reporting – I believe that I have met the reporting requirements, as I understand them.

4.  Conversion – I have run one cycle of data through the conversion process.  This includes all member records, all comments, all revision records, and some of the log entry records.  I brought a fresh copy of the old system home yesterday and I will be converting that in the next few days.  The only significant problem with the conversions was in the office log entry table, where we have used the "enter" character quite a lot within our log entries.  To the conversion, that signifies the end of a line of input data instead a just a new line within a field.  I have a work-around for that, but it requires more time, so I did not want to spend that time until the last load cycle.

So, all things considered, I feel good about progress so far.  I have started the system over 200 times since 24 June.  I know that because the system keeps a log of users that properly sign in.  Almost all the starts were to test some aspect of the user interface or the logic, and I believe that I have met the requirements, as I understand them, for this new system.

So, we now move on to user testing.  Toward that end, I will be visiting the office each Tuesday and Thursday morning for the next two weeks, so that all "shifts" are able to see a demonstration of the system and to leave with instructions for accessing the system remotely.  I will plan to be at the office around 11:00 AM each day, and to stay no more that one hour, so I ask that you have the club business finished by then.

Speaking of the requirements, I started this project with no specific requirements documented.  I have prepared what I am calling the requirements in the form of a comparison between the old and new systems.  I am using this to measure my progress.  The file for that is just below this one on the web page you started on, named SysComparison0717.  Review that if you like.

At the end of the next two weeks, I would like one of these two results: a general acceptance of the new system, so I can remove access to the old system, or a list of criteria that the new system must meet before it can be turned on and the old system removed.  We are that close to the end of the old system.  Thanks for you comments on this or anything else.

George