Testing Log

I plan to test the system in a random order, to try and give the software a challenge. This will be done by following the objectives, which are in no particular order. Some things will have to be done before others however for the software to work.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Testing Date** | **Objective ID** | **Testing Scenario and hypothesis** | **Tested Operating System** | **Expected Output** | **Actual output** | **Reason for error**  **(if applicable)** | **Fix details**  **(if applicable)** | **Fix Duration**  **(if applicable)** |
| 12/01/15 | 13 | Does the software install and run | Windows 7  (workshop) | Install and main window shows successfully | Error messages on start-up of program | SQLCE DLL problems | Prerequisites need to be installed on system | 35 mins |
| 12/01/15 | 13 | Does the software install and run? | Windows 8.1  (workshop) | Install and main window shows successfully | Program errors and closes | As above | As above | 15 mins |
| 13/01/15 | 13 | Does the software install and run? | Windows 7  (S2-022) | Install and main window shows successfully | Window Shows if using 1-click but doesn’t update if republished | No admin Access to run installer | Delete relevant appdata directory | 10 mins |
| 13/01/15 | 1 | Can users seen connected drives | Windows 7  (S2-022) | All drives can be listed | Drives can be seen |  |  |  |
| 13/01/15 | 2 | Can the user add a drive for backup | Windows 7  (S2-022) | Drive is added for backup | Record is created successfully |  |  |  |
| 13/01/15 | 3 | Can a user backup the drive? | Windows 7  (S2-022) | Drives files appear in destination directory | Button stays depressed, takes a long time to run, system goes not responding | System.outOfMemory  Hashing 3GB isn’t liked. 32 bit parameter. Need to hash better! | Error is in framework, new algorithm needed |  |
| 16/01/15 | 11 | Is a hash of the drive calculated | Windows 7  (S2-022) | Hash of drive is calculated | Hashing causes error message in framework | Hash function cant hash large files.(as above) | As above |  |
| 26/01/15 | 4 | Can user see backup progress for drive | Windows 7  (S2-022) | Dialog with per file and overall progress is shown for backups | Box is shown, and closes as soon as backup is complete. | Short backups aren’t long enough to display dialog for useful time | Will not be fixed |  |
| 26/01/15 | 13 | Can software support 32/64-bit systems | Windows 7  (S2-022) | Software will install on both types of system | Software executes successfully |  |  |  |
| 26/01/15 | 12 | System should be easy to use | N/A | Software must be easy to use and require little explanation | The system is littered with instructions, and tooltips, making use simple |  |  |  |
| 14/02/15 | 15 | Is the software resource light when minimised | Windows 7  (S2-022) | System uses less than 1% CPU, and 15kb RAM | The system occasionally went over 1% CPU, but never over 15kb RAM |  |  |  |
| 14/02/15 | 16 | Is the system UI resource light? | Windows 7  (S2-022) | System uses less than 5% CPU and 30kb RAM | The system never went over the given maximums |  |  |  |

Screenshots

|  |  |  |
| --- | --- | --- |
| Tested Date | Tested Objective | Screenshot Evidence |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |