Client Application Test Plan

Document history

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| --- | --- | --- | --- | --- |
| Version | Date | Author | Changes | Valid from |
| 1.0 | 09-Sep-2016 | Hardik Kansara |  |  |

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# Test Plan

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| **Scenario** | **Installation of exe file** |
| Question | Are you able to install .exe file on windows server 2008 R2, 2012, Windows 7 and Windows 10? |
| Procedure | Double click on .exe file. |
| Result | Yes |
|  | |
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| **Scenario** | **Application is running** |
| Question | After installation are you able to see the application start screen? |
| Procedure | Open the application by clicking the ICON. |
| Result | Yes |
|  | |
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| **Scenario** | **Select SQL Server instance** |
| Question | Are you able to see all the SQL and able to select one of the SQL instance installed on machine? |
| Procedure | Click on drop down box to see and select the SQL instance. If connection to SQL server instance is successful then you will see the green arrow. |
| Result | Yes |
|  | |
|
| **Scenario** | **Select User Database** |
| Question | Is drop down box for selecting user database is disabled by default? |
| Procedure | Click check box to enable the option. |
| Result | Yes/No |
|  |  |
| Question | Are you able to select at least one database after selecting a check box? |
| Procedure | All user databases are available in dropdown list. |
| Result | Yes/No |
|  | |
|
| **Scenario** | **Start gathering parameters values** |
| Question | Are you able to see the progress of the application while running? |
| Procedure | Click on Start button and see the progress of the application execution. |
| Result | Yes |
|  | |
|
| **Scenario** | **Save Dump File.** |
| Question | Are you able to save the dump file? |
| Procedure | New screen for saving your dump file will be appear at end of execution. |
| Result | Yes |
|  | |
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| **Scenario** | **Client Application Compatibility** |
| Question | Is client application is crashing in between of execution on Windows 7 / 10 or Windows Server 2008 R2 / 2012 ? |
| Procedure | Click on Close button of application or top right close button to stop the execution of application in middle of execution. |
| Result | No |
|  | |
| **Scenario** | **Stop Client application execution** |
| Question | Are you able to close the application during any time of execution? |
| Procedure | Click on Pause/Close button to stop the execution. |
| Result | Yes |

# Heuristic Evaluation Report

**User Persona**

|  |  |
| --- | --- |
| Name | Hardik |
| Student Id | 2155234 |
| Did you receive an explanation of the Client Application ? | Yes |
| Do you have a clear understanding of the 10 principles of heuristic evaluation? | Yes |
| Date Evaluated | 09/09/2016 |

**Heuristic Criteria:**

1 – Poor

2 – Average

3 – Good

|  |  |  |
| --- | --- | --- |
| **Name** | **Comments** | **Rating** |
| Show system status | Logo, lables and headers are properly placed in application. | 3 |
| Familiar metaphor & language | All the words used in the application are appropriate for the application. | 3 |
| Control & Freedom | User either can select instance name from drop down box or type the name of the instance to connect. | 3 |
| Consistency | GUI is contant and easy to use. | 3 |
| Error Prevention | Has a pop-up saying if you are trying to connect any unsupported version of SQL Server. This is important to ensure proper execution of the program. | 3 |
| Recognition over recall | The application has status show in the middle that will allow you to see how long execution completed. | 3 |
| Flexibility & Efficiency | User can select either SQL Instance or incluse one User database in evaluation process. This makes the application flexible. | 3 |
| Aesthetic & minimalist design | The design is simple and presents all the necessary info needed. | 3 |
| Recognize, diagnose & recover from errors | Not much error to catch. | 2 |
| Help | Help is not included with application but User Guide is avaialble to download. | 3 |