Software requirements for spectroscopy

# Main instrument control

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Example Implemented at | Must HC | Should HC | Must UO | Nice UO |
| **Data Display** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | / |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Under the Hood** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Scripted Instrument Interface** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | / |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **GUI Interface** |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Special instrument control

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Already Implemented at | Must HC | Should HC | Must UO | Nice UO |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Data reduction

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Already Implemented at | Must HC | Should HC | Must UO | Nice UO |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Data analysis & compute

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Item | Already Implemented at | | Must HC | | | Should HC | | Must UO | | Nice UO |
|  |  | |  | | |  | |  | |  |
|  |  | |  | | |  | |  | |  |
|  |  | |  | | |  | |  | |  |
|  |  | |  | | |  | |  | |  |
|  | |  | |  |  | |  | |  | |
|  |  | |  | | |  | |  | |  |