Usability testing procedure

Users were given access to the codebase to perform usability testing. Since this program will only be used by the Strong Compute team there was no need to gather participants for the usability test. The following steps were employed to test the user experience:

1. Download all required packages.
2. Setup PostgreSQL server.
3. Run the setup commands to correctly create the database from ReadMe file (mix deps.get etc.)
4. Run the PhoenixliveView server.
5. Open the webapp.
6. Check homepage for information displayed.
7. Navigate the homepage by scrolling up and down.
8. Navigate to the "BMC" page and click on it to view the information here.
9. Navigate by scrolling up and down.
10. Repeat for all menu items.
11. Complete the questionnaire.

They were then prompted to run the app again but by memory to gauge how simple the setup process was.

Question	Rating (1-5)*
Information was correct	5
Information was easy to find	5
The layout was intuitive	4
The information was displayed was intuitive	4
The webapp was easy to navigate around	4
The webapp easy was easy to understand and appropriate	4
Overall, I am satisfied with the webapp	4
I can use the webapp to gain valuable information	4
The website was frustrating to use	2
I can quickly find the information I need	3

*1 being Strongly disagree, 3 Neutral, 5 Strongly agree

We then asked questions to prompt greater feedback from the client. These were:

1. How well was the website's layout? The website had a good layout that was relatively simple to understand.
2. What was the best part of the webapp? It's simplicity and colour scheme are pleasing to look at.
3. What was the worst part? GPU's should be separated to different pages mapping to corresponding superclusters.
4. Is the information displayed in a way that is easy to understand? The information is simple to view and again the layout is key in this.
5. Are the line charts easy to understand? The line charts provide accurate readings that can be read and understood.

6. Does the webapp work with the VPN? The webapp is able to work on any PC displaying information about it inplace of the Superclusters.
7. Does the webapp work without the VPN? The webapp is able to work over VPN displaying information about the Superclusters.
8. Does the discord bot correctly notify the team of issues? The discord bot correctly notifies us when there is an abnormal reading.