Abacws Data Visualiser

This survey you are about to complete is to assist in the evaluation of the final web application I am producing as part of my dissertation.
The aim of this project is to produce a web application to visualise data gathered from IoT sensors in theAbacws building. The final application will be like this one:
https://3d.usb.urbanobservatory.ac.uk (https://3d.usb.urbanobservatory.ac.uk) made for the university of Newcastle.

In this survey you will be asked to perform a few tasks using the final product of this project and will then be asked a series of questions to ascertain the usability of this application. None of your personal data will be collected as part of this survey and you can request for your submission to be removed at any time.

* Required

Consent

In this section you will consent to participate in this survey according to the information found in the participant information sheet found here: https://cf-my.sharepoint.com/:w:/g/personal /graingergy_cardiff_ac_uk/EX8BMN0mKulLjCwL8CQ1gwUB3ImCH0QSYW5Ef510rRYq0w?e=g6asEd (https://cf-my.sharepoint.com/:w:/g/personal/graingergy_cardiff_ac_uk /EX8BMN0mKulLjCwL8CQ1gwUB3ImCH0QSYW5Ef510rRYq0w?e=g6asEd). A copy of this information sheet was also included in the email you recieved inviting you to this survey.

1. Understand and confirm the following *

☐ I confirm that I have read the information sheet dated 15/04/22 version 3 for the above research project.

☐ I confirm that I have understood the information sheet dated 15/04/22 version 3 for the above research project and that I have had the opportunity to ask questions and that these have been answered satisfactorily.

☐ I understand that my participation is voluntary, and I am free to withdraw at any time without giving a reason and without any adverse consequences. I understand that if I withdraw, information about me that has already been obtained may be kept by Cardiff University.

☐ I understand that data collected during the research project may be looked at by individuals from Cardiff University or from regulatory authorities, where it is relevant to my taking part in the research project. I give permission for these individuals to have access to my data.

☐ I consent to the processing of my personal information for the purposes explained to me. I understand that such information will be held in accordance with all applicable data protection legislation and in strict confidence, unless disclosure is required by law or professional obligation.

☐ I understand who will have access to personal information provided, how the data will be stored and what will happen to the data at the end of the research project.

☐ I understand that after the research project, anonymised data may be made publicly available via the dissertation's final report and may be used for purposes not related to this research project. I understand that it will not be possible to identify me from this data that is seen and used by other researchers, for ethically approved research projects, on the understanding that confidentiality will be maintained.

☐ I understand that anonymised excerpts and/or verbatim quotes from my questionnaire may be used as part of the research publication.

☐ I understand how the findings and results of the research project will be written up and published.

2. I agree to participate in this survey given the information provided *

By selecting "I agree" you indicate that you understand and consent to all the points listed above

○ I agree

○ I disagree

Likert Scale

Please go to the following website: https://abacws.ggrainger.uk/ (https://abacws.ggrainger.uk/) and complete the tasks listed below:

- Familiarise yourself with the system.
- Navigate the system to find the device on the bottom floor of the building and select it.View the current information for that device
- View the historical data for the device on the graphs

Then rate your experience using the following likert scale questions

3. Likert scale *

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
The interface is intuitive and easy to navigate	○	○	○	○	○
The system is over-complicated and difficult to use	○	○	○	○	○
I would like to use this system frequently	○	○	○	○	○
The system is cumbersome to use	○	○	○	○	○
It is easy to distinguish between the devices and model of the building while navigating	○	○	○	○	○
The building model is easy to navigate to find a particular device	○	○	○	○	○
Viewing and visualising the data is intuitive	○	○	○	○	○
I felt confident using the system	○	○	○	○	○

Final Comments

4. Do you have any additional comments or suggestions?