

## User Testing of the Outdoor IoT Monitor

**Project introduction:** This user test is to understand the overall functionalities, usability, and readability of user interfaces of the Outdoor IoT Monitor app. Outdoor IoT Monitor is a global-scale location-based AR app which allows users to find sensors and their contextual information including the 3D models, sensor data, sensor status and project/sensor information. The app benefits from the cloud-based database making it easy for any users to upload new sensor information to the database and share it with others.

**Testing time:** 20-30 minutes

**Testing location:** Building entrance of CASA office or Queen Elizabeth Olympics Park (choose only one)

**Testing tasks:**

- Task 1: Find the nearest sensor to your current location.
- Task 2: Once find the sensor, show the 3D model of the sensor.
- Task 3: Once show the 3D model, check the sensor data (e.g. real-time reading of weather station), sensor status (e.g. voltage, battery status) and sensor information (e.g. project name, sensor name, sensor ID).
- Task 4: Take a screenshot of the sensor information and the 3D model together.
- Task 5: Add new sensor information to the database and check the map page again.  
(Lat: 51.52202; Lon: -0.135881)

**After-test survey:** <https://forms.office.com/r/RQMFFGTCQD> (Only take 5 to 10 mins to finish)  
(Doesn't need your personal data)



**Contact:** [chin.ku.21@ucl.ac.uk](mailto:chin.ku.21@ucl.ac.uk)