**The Trusted Tiny Things (T3) project – Participatory Design Exercise**

The main aim of this participatory design exercise is to gain an insight on what features (or capabilities) associated with Internet of Things devices users would like to control and how.

The overarching question is:

*What kind of control would users like to have over IoT devices?*

**Settings**

We are planning for 6-7 people per session, sitting around a table. We will position a number of pictures of typical IoT devices in the middle of the table. This will include smart appliances, a smart alarm clock, an internet connected stuffed toy and a car telemetry box.

**Schedule**

Introduction (8min

Introduction about the project and the aims of the exercise (2 min);

Description of what the devices in the middle of the table are and what they are capable of (4 min);

Video of app developed as part of the project used to interrogate and visualise the capabilities of IoT devices (2min).

Part 1 (10 min)

 The aim of *Part 1* of the exercise is to explore the following question:

*What capabilities of these devices would you like to control?*

 We will ask each participant to write down on post-it notes the three main device capabilities that they would like to control (5 min)

 We will then invite each participant to discuss with each other what capabilities they have selected and why. (5 min)

Part 2 (10 min)

 The aim of *Part 2* is to collect ideas about how device control can be achieved using a mobile app;

 We will ask the participant to work in groups of 2-3 people to discuss design ideas for a mobile app to control the kind of capabilities discussed in *Part 1*. Participants will be sheets of paper with a mobile phone wireframe (5 min).

We will invite each group to discuss their ideas (5 min).

Conclusion (2 min)

 Answer any other questions from participants. Final remarks.