### Smart Device Ethics Checksheet

*A task sheet for developers to work through several times and hopefully then internalise.*

*Name of project\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

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| **Evaluation criteria** | **Notes** |
| Does the end-user control the system(s)? | System Control: |
| Can the end-user switch on and off the system(s)? | System Control: |
| Can the end-user switch on and off parts of the system(s)? | System Control: |
| Does the system(s) have in-built fail safes? | Implementation Issues: |
| What is the worst thing that could happen if an error occurs? | Implementation Issues: |
| Do the system(s) use Artificial Intelligence? | Implementation Issues: |
| If it does use AI, is the decision-making process clear? | System Transparency: |
| If it does not use AI, is the decision-making process clear? | System Transparency: |
| Does the system(s) provide clear terms and conditions? | System Transparency: |
| Does the end-user have a clear understanding of the system(s)? | System Transparency: |
| Will the system(s) need frequent updating or upgrading? | System Transparency: |
| Does the end-user have to change their living patterns to work with the system(s)? | User Autonomy: |
| Does the end-user have control (and feel they have control) when using the system(s)? | User Autonomy: |
| Does the system(s) limit the end-user’s activities in any way? | Users Autonomy: |
| Does the system(s) impact the end-user’s activities quality of life? Their dignity? | Users Autonomy: |
| What type of user monitoring is the system(s) doing? Location? Gesture? Audio? Video? Facial? | User Privacy: |
| Does the system(s) record all interactions with the end-user? | User Privacy: |
| Does the system(s) give audio reminders? If so, can they be muted or redirected to text? | User Privacy: |
| Does the system(s) present information in a text format? Can it be occluded? | User Privacy: |