| Usability  | Weight (1-5) | Answer (  | Value    | TOTAL SCORIN<br>0.854864434 |
|--|--------------|-----------|----------|-----------------------------|
| Does your system need the user to bring some   |              |           |          |                             |
| on-body sensors/tag with him all the time?   | 3            | yes       | 0        |                             |
| Can it be moved without inconvenience?   |              | ,<br>half | 1        |                             |
| Is it easy to wear/put and take them off   | 5            | yes       | 5        |                             |
| Is it easy to keep during normal domestic  |              |           |          |                             |
| activities?  | 5            | yes       | 5        |                             |
| Is it easy to keep during night sleeping?  | 5            | yes       | 5        |                             |
| Is it washable?  | 5            | no        | 0        |                             |
| Can you use your system during a shower?   | 5            | no        | 0        |                             |
| Does your system use video cameras?  |              | no        | 3        |                             |
| Is this device/tag completely hidden?  |              | yes       | 5        |                             |
| TOTAL  | 38           |           | 24       |                             |
| TOTAL NORMALIZED   |              |           | 0.631579 |                             |
| Environment  |              |           |          |                             |
| Is your installation well hidden in the house?   | 5            | yes       | 5        |                             |
| Does your installation need considerably more  |              |           |          |                             |
| cabling than a typical Home PC installation  |              |           |          |                             |
| (including for example printer, scanner, phone   |              |           |          |                             |
| connector etc.)?   | 4            | no        | 4        |                             |
| Is your system useful if there are more than   |              |           |          |                             |
| one user in the house?   | 5            | yes       | 5        |                             |
| If you change or include furniture, must your  |              |           |          |                             |
| system be recalibrated?  |              | no        | 4        |                             |
| TOTAL  | 18           |           | 18       |                             |
| TOTAL NORMALIZED   |              |           | 1        |                             |
| Maintenance  |              |           |          |                             |
| Does the user need to replace/charge   |              |           |          |                             |
| batteries?   | 4            | yes       | 0        |                             |
|  | _            |           | _        |                             |
| Does the user need to re-calibrate the system?  Does the user need to re-calibrate the | 5            | no        | 5        |                             |
| system in less than one month?   | 5            | no        | 5        |                             |
| Is it easy to notice if it is broken or  | 5            | 110       | J        |                             |
| malfunctioning?  | 5            | yes       | 5        |                             |
| Does one have to configure it?   |              | no        | 5        |                             |
| Which is the recharge rate of your ARS (hours  |              |           | J        |                             |
| without recharge of any of your components)  | 5            | 16        | 4        | (0-5)[5-10)[10-15)[15-2(    |
| Recharge time (in hours)   | 4            | 2.5       |          | (0-1)[1-2)[2-3)[3-4)[4-in   |
| TOTAL  | 33           |           | 26       |                             |
| TOTAL NORMALIZED   |              |           | 0.787879 |                             |
| Other features   |              |           |          |                             |
| Allows your system to notify the activities to a                                       |              |           |          |                             |
| remote server in real time?  | 5            | yes       | 5        |                             |
| Is your system scalable for multiuser?   |              | yes       | 2        |                             |
| TOTAL  | 7            | ,         | 7        |                             |
| TOTAL NORMALIZED   | •            |           | 1        |                             |
|  |              |           |          |                             |

| Interoperability                                | Weight (1-5) | Answer    | TOTAL SCORIN<br>0.719758065 |  |
|---|--------------|-----------|-----------------------------|--|
| Do you provide any API for integrating your     |              |           |                             |  |
| system into others?                             | 5            | no        | 0                           |  |
| Do you provide any written documentation for    |              |           |                             |  |
| this API?                                       | 4            | yes       | 4                           |  |
| Any code documentation (like javadoc)?          |              | yes       | 3                           |  |
| Any tutorial?                                   |              | ,<br>half | 2.5                         |  |
| Any sample application ?                        | 4            | no        | 0                           |  |
| Do you publish your code as open source?        |              | yes       | 5                           |  |
| Do you use any well known application-level     | _            | ,         | _                           |  |
| protocol which would allow an external system   |              |           |                             |  |
| to plug into the system without requiring any   |              |           |                             |  |
| further specification about the protocol? (e.g. |              |           |                             |  |
| SOAP, XML-RPC, DPWS, BUT NOT TCP/IP,            |              |           |                             |  |
| Ethernet)                                       | 5            | yes       | 5                           |  |
| Effectively                                     | 3            | yes       | 3                           |  |
| TOTAL   | 31           |           | 19.5                        |  |
| TOTAL NORMALIZED                                | 31           |           | 0.629032                    |  |
| TOTAL NORWIALIZED                               |              |           | 0.023032                    |  |
| Testing and configuration                       |              |           |                             |  |
| Do you provide any tool for testing/monitoring  |              |           |                             |  |
| the system?                                     |              | VOC       | 4                           |  |
|   |              | yes       |                             |  |
| Is the tool graphical, easy to be used?         | 2            | yes       | 2                           |  |
| Do you provide any tool for                     | 4            | NIA       | 4                           |  |
| configuring/calibrating your system?            |              | NA        | 4                           |  |
| Is the tool graphical, easy to be used?         | 2            | NA        | 2                           |  |
| TOTAL   | 12           |           | 12                          |  |
| TOTAL NORMALIZED                                | 12           |           | 12                          |  |
| TOTAL NORMALIZED                                |              |           | 1                           |  |
| Doubahilib.                                     |              |           |                             |  |
| Portability                                     |              |           |                             |  |
| On which operating systems does your system     |              |           |                             |  |
| run on?   | 2            |           | 2                           |  |
| Windows?  |              | yes       | 3                           |  |
| Unix/linux?                                     |              | yes       | 3                           |  |
| MacOS?  |              | yes       | 3                           |  |
| Android?  |              | yes       | 3                           |  |
| iOS?  |              | no        | 0                           |  |
| Others?   |              | no        | 0                           |  |
| Do you know of any incompatibility of your SW   |              |           |                             |  |
| with others?                                    | 3            | no        | 3                           |  |
| Can part of your code be substituted by         |              |           |                             |  |
| another existing one (that you know of)? [e.g.  |              |           |                             |  |
| toher existing libraries, modules that can be   |              |           |                             |  |
| easily plugged to substitute yours]             | 3            | yes       | 3                           |  |
|   |              |           |                             |  |
| TOTAL   | 24           |           | 18                          |  |
| TOTAL NORMALIZED                                |              |           | 0.75                        |  |

## HW

Can any part of your system be substituted by another commercially available one WITHOUT ANY modification on the HW and/or the firmware? 5 no 0 Is your firmware publicly available? 3 3 yes Do you publish your firmware as opensource? 2 2 NA **TOTAL** 10 5 **TOTAL NORMALIZED** 0.5