National Institute of Standards and Technology (NIST), Information Technology Laboratory

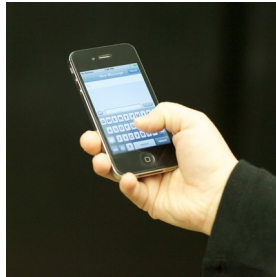**Mobile Character String Typing Pre-Task Evaluation:**

1)	Age: _____

	Gender: _____

	Education _____

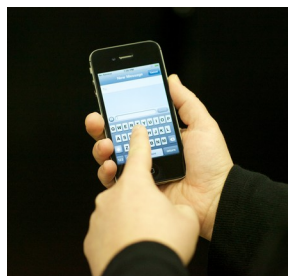2) Do you typically enter text on your smartphone by (check one):

☐   Holding the phone in one hand, typing with one thumb

☐   Holding the phone in both hands, typing with both thumbs

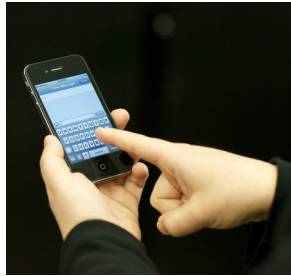☐   Holding the phone in one hand, typing with the index finger of the opposite hand

☐ Voice input

☐ Other. Please describe_____

3) Do you typically enter text on your smartphone using the horizontal or vertical orientation? (check one)

☐ Horizontal

☐ Vertical

4) Before you had your current smartphone, did you have a smartphone with a hard full keyboard? (check one)

☐ Yes

☐ No

5) If you have had experience typing with both a virtual smartphone keyboard and a hard smartphone keyboard, which one did you prefer? (check one)

☐ Virtual Keyboard

☐ "Hard" Keyboard

Why?

_____

_____

6) Approximately how long have you been using a purely touchscreen smartphone? (check one)

- ☐ Less than a month

- ☐ 0-3 months

- ☐ 6-12 months

- ☐ over a year

- ☐ over two years

7) Please circle your level of **overall** smartphone expertise (1=novice, 5=expert)

| 1 | - | 2 | - | 3 | - | 4 | - | 5 |

Novice   Expert

8) Please circle your level of smartphone **typing** expertise (1=novice, 5=expert)

| 1 | - | 2 | - | 3 | - | 4 | - | 5 |

Novice   Expert

8) Please rate your familiarity with the location of **letters** on the virtual keyboard. (check one)

- ☐ not at all familiar (I have to search for almost every letter I am trying to type)

- ☐ somewhat familiar (I can find most letters pretty easily)

- ☐ very familiar (I know where the letters are without searching)
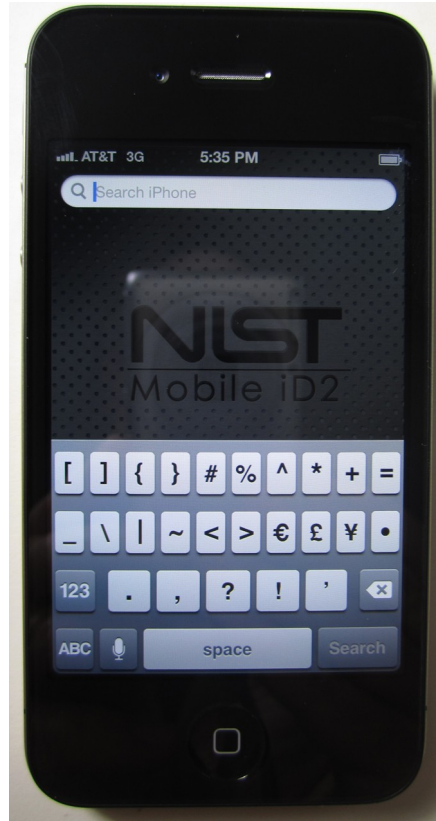
9) Please rate your familiarity with the location of **numbers and punctuation symbols** on the virtual keyboard. (check one)

☐ not at all familiar (I have to search for almost every number or punctuation I am trying to type)

☐ somewhat familiar (I can find most numbers and punctuations pretty easily)

☐ very familiar (I know where the numbers and punctuations are without searching)

10) Please rate your familiarity with the location of **special mathematical symbols** on the virtual keyboard (for example, *, #, () etc). (check one)

☐ not at all familiar (I have to search for almost every special mathematical symbols I am trying to type)

☐ somewhat familiar (I can find most special mathematical symbols pretty easily)

☐ very familiar (I know where the special mathematical symbols are without searching)

NOTE: This collection of information contains Paperwork Reduction Act (PRA) requirements approved by the Office of Management and Budget (OMB). Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number. Public reporting burden for this collection is estimated to be 15 minutes per response, includin the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information." Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to the National Institute of Standards and Technology, Attn., Mary Theofanos, at mary.theofanos@nist.gov .

OMB Control No. 0693-0043
Expiration Date: 10/31/2012