**National Institute of Standards and Technology (NIST)**

**Information Technology Laboratory (ITL), Information Access Division (IAD)**

**Fingerprint Directional Symbols Study Task Evaluation Post-Task Questionnaire**

**Part 1** - Based on your experience from the tasks with the fingerprint scanner, please answer the following questions.

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| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Down_RS_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Left_RS_v2.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:06b-rotateccw-rightthumb.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Down_RS_v2.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CCW_RS_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:02b-movedown-rightthumb.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Left_RS_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:05b-rotatecw-rightthumb.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Left_RThmb_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Up_RS_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:04b-moveleft-rightthumb.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Down_RThmb_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Right_RS_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CW_RS_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:01a-moveup-rightslap.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Right_RThmb_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:06-rotateccw-rightslap.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:03b-moveright-rightthumb.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Up_RThmb_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:03a-moveright-rightslap.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:01b-moveup-rightthumb.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CCW_RThmb_v1.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:05a-rotatecw-rightslap.jpg | 1. What does the picture mean? |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CW_RThmb_v1.jpg | 1. What does the picture mean? |

**Part 2** – If we would use pictures to tell people to move their hand/thumb on the fingerprint scanner, please circle the best representing picture for each movement.

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| 1. **Right Hand - Move up** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Up_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:01a-moveup-rightslap.jpg |  |
| A | B | None of them |
| 1. **Right Hand - Move left** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Left_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:04a-moveleft-rightslap.jpg |  |
| A | B | None of them |
| 1. **Right Hand - Move down** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Down_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:02a-movedown-rightslap.jpg |  |
| A | B | None of them |
| 1. **Right Hand - Move right** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Right_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:03a-moveright-rightslap.jpg |  |
| A | B | None of them |
| 1. **Right Thumb - Move up** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Up_RThmb_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:01b-moveup-rightthumb.jpg |  |
| A | B | None of them |
| 1. **Right Thumb - Move left** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Left_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:04b-moveleft-rightthumb.jpg |  |
| A | B | None of them |
| 1. **Right Thumb - Move down** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Down_RThmb_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:02b-movedown-rightthumb.jpg |  |
| A | B | None of them |
| 1. **Right Thumb - Move right** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Move_Right_RThmb_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:03b-moveright-rightthumb.jpg |  |
| A | B | None of them |

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| 1. **Right Hand – Rotate clockwise** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CW_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:05a-rotatecw-rightslap.jpg |  |
| A | B | None of them |
| 1. **Right Hand – Rotate counterclockwise** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CCW_RS_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:06-rotateccw-rightslap.jpg |  |
| A | B | None of them |
| 1. **Right Thumb – Rotate clockwise** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CW_RThmb_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:05b-rotatecw-rightthumb.jpg |  |
| A | B | None of them |
| 1. **Right Thumb – Rotate counterclockwise** | | |
| Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Individual Symbols:Rotate_CCW_RThmb_v1.jpg | Macintosh HD 2:Yee-Yin:Biometrics:Fingerpring_directional_symbol:Symbol concepts:Symbols_alt2_Mar12_2012:06b-rotateccw-rightthumb.jpg |  |
| A | B | None of them |

**Do you have any additional comments?**

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OMB Control No.0693-0043,

Expiration Date: 10/31/2012.