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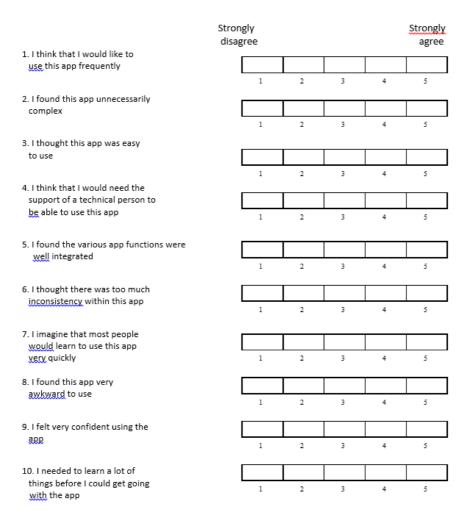
Supplementary Figure 1. NASA-TLX provided after case performed without ECDS tool.  $^{32}$ 

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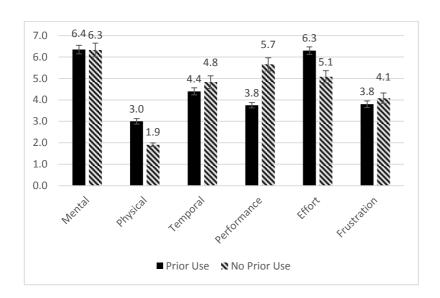
Condition \_\_\_\_\_+App\_\_\_

Supplementary Figure 2. NASA-TLX provided after case performed with use of ECDS tool. 32

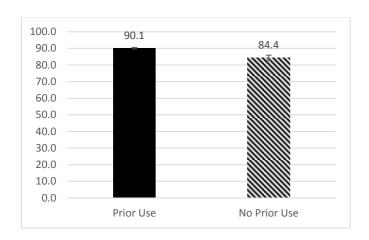
## System Usability Scale (SUS)



Supplementary Figure 3. System Usability Scale. 36



Supplementary Figure 4. NASA-TLX scores with and without prior use of PedsGuide on the case where ECDS was used. Bars indicate standard error.



Supplementary Figure 5. Score on SUS with and without prior use of PedsGuide. Bars indicate standard error.