Video by Pressmaster from https://www.pexels.com/video/a-man-of-science-writing-scientific-formulas-in-glass-board-3191353 (PD)

Models – For What Else?

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Learning Goals

- Know what else can be done with models in HCI
- See the links between different types of models

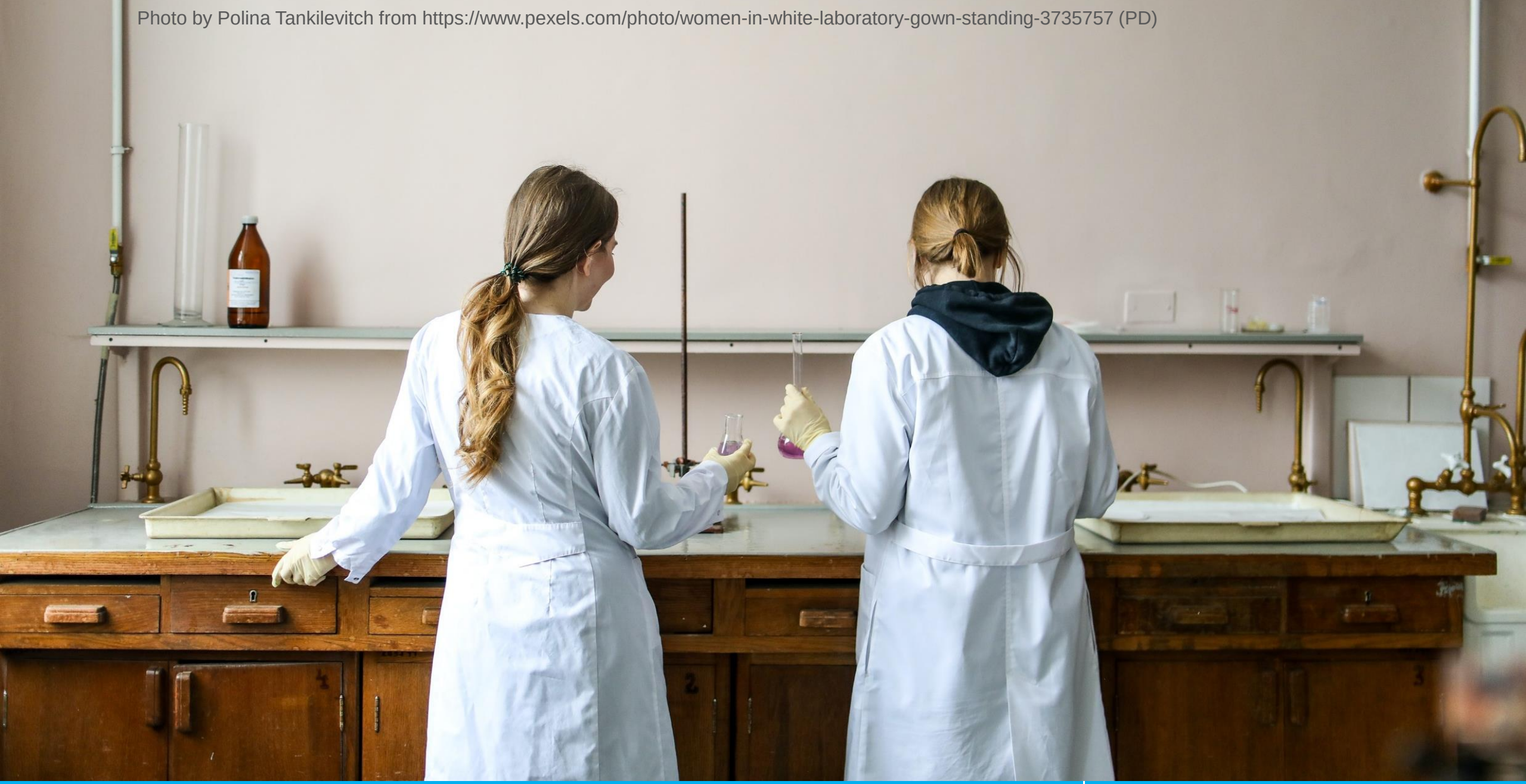
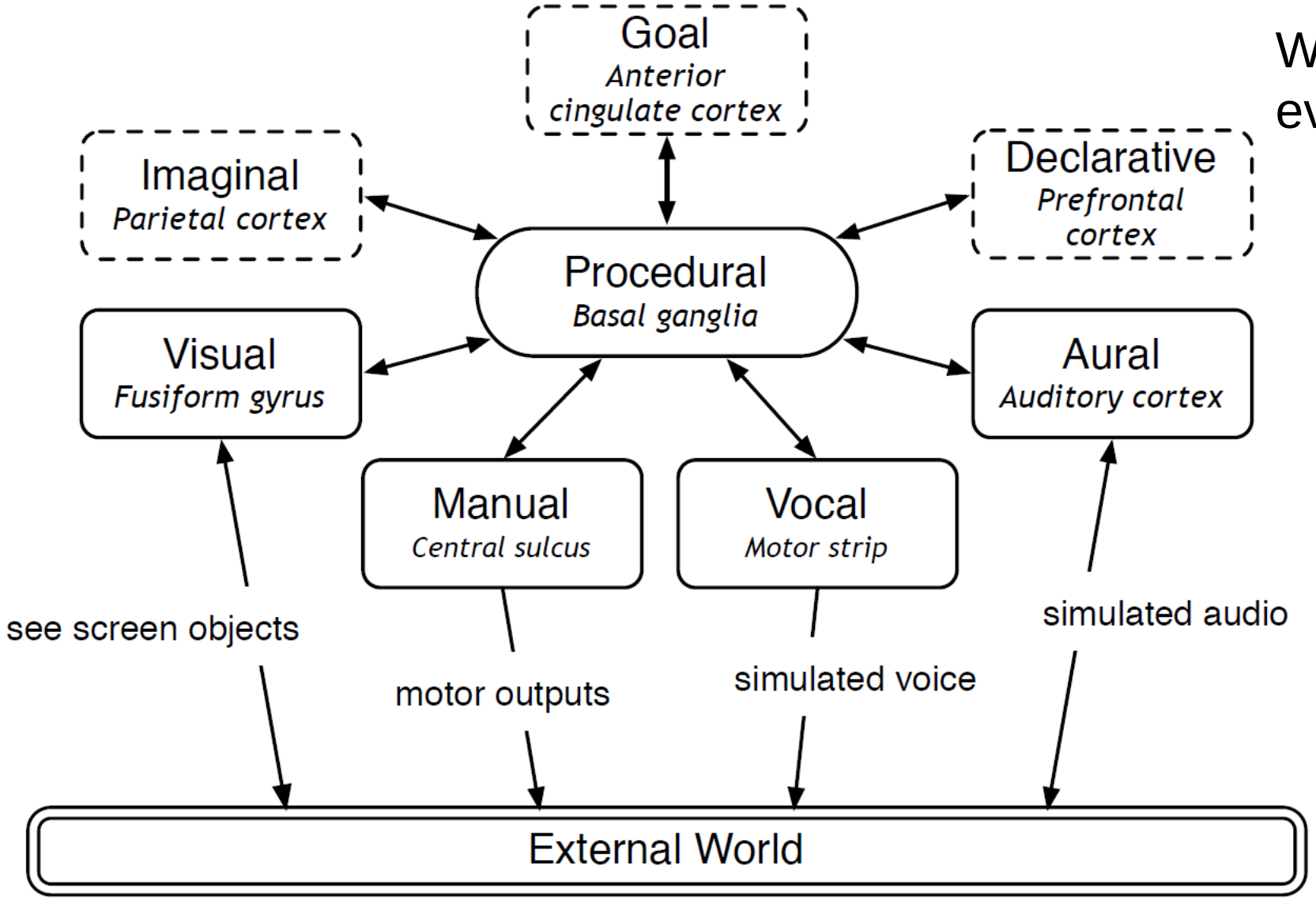


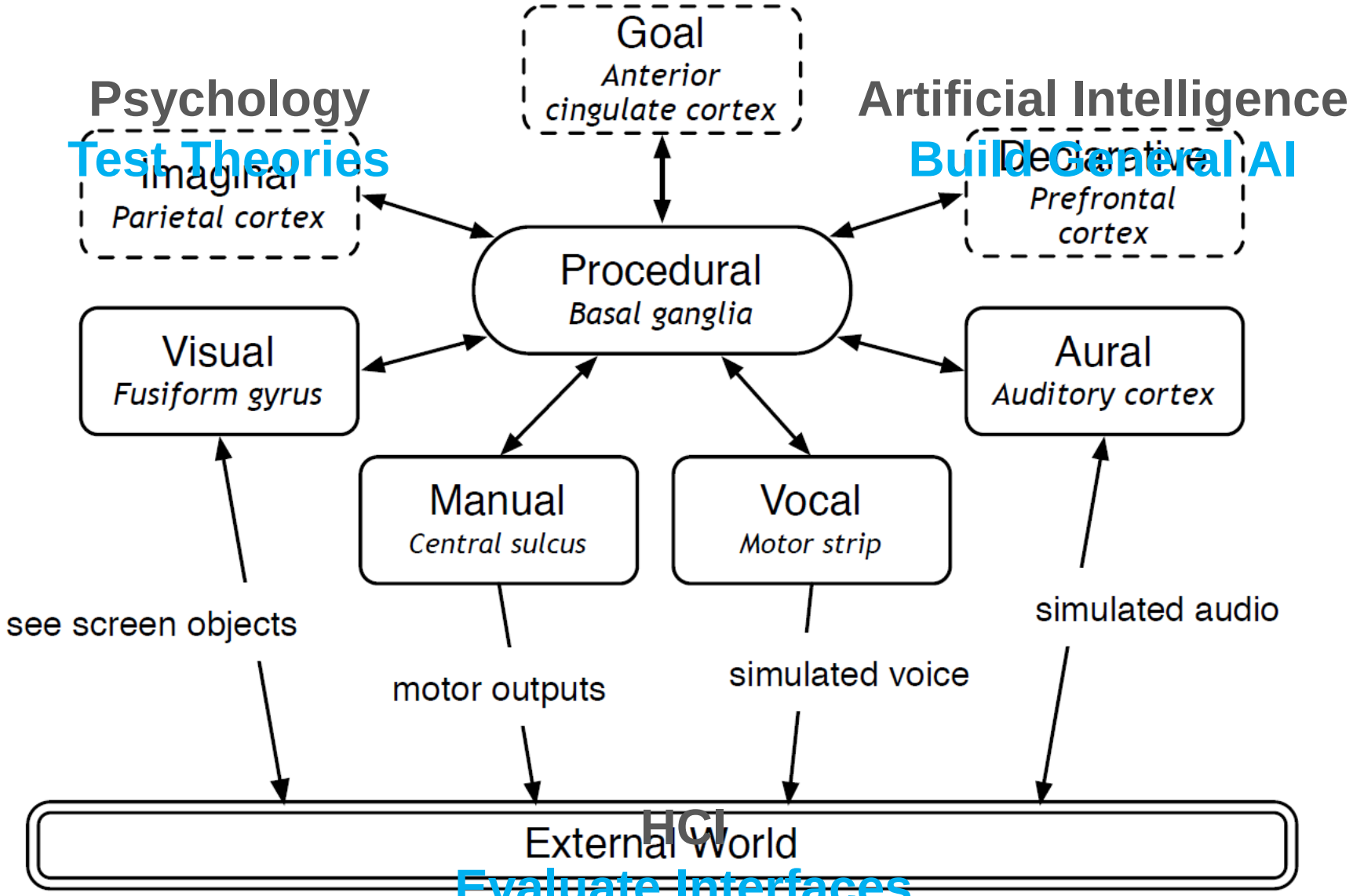
Photo by Polina Tankilevitch from https://www.pexels.com/photo/women-in-white-laboratory-gown-standing-3735757 (PD)

From Kim, J. W., & Hancock, P. (2010). Modeling operator performance under stress and fatigue: What can a cognitive architectural model tell us?

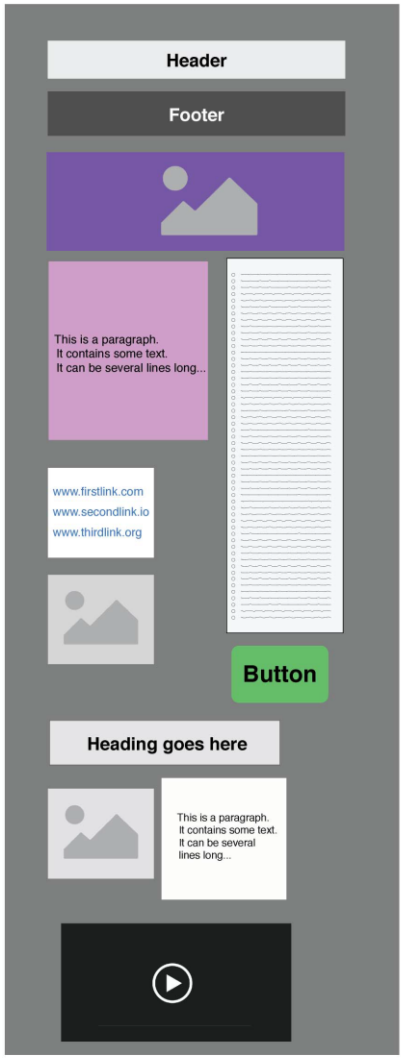


What are use case beyond evaluating interfaces?

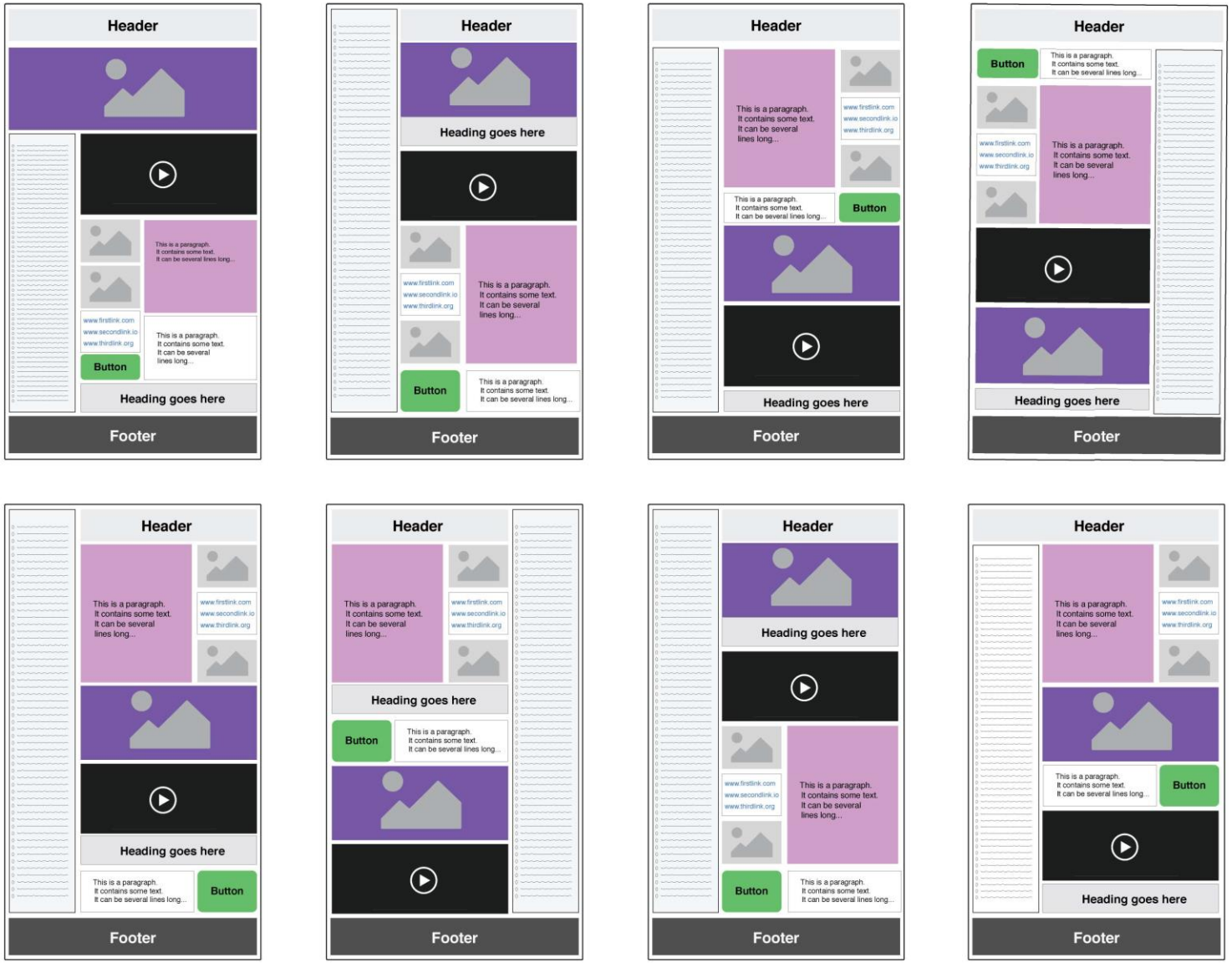
From Kim, J. W., & Hancock, P. (2010). Modeling operator performance under stress and fatigue: What can a cognitive architectural model tell us?



Oulasvirta, A., Dayama, N. R., Shiripour, M., John, M., & Karrenbauer, A. (2020). Combinatorial Optimization of Graphical User Interface Designs. IEEE.

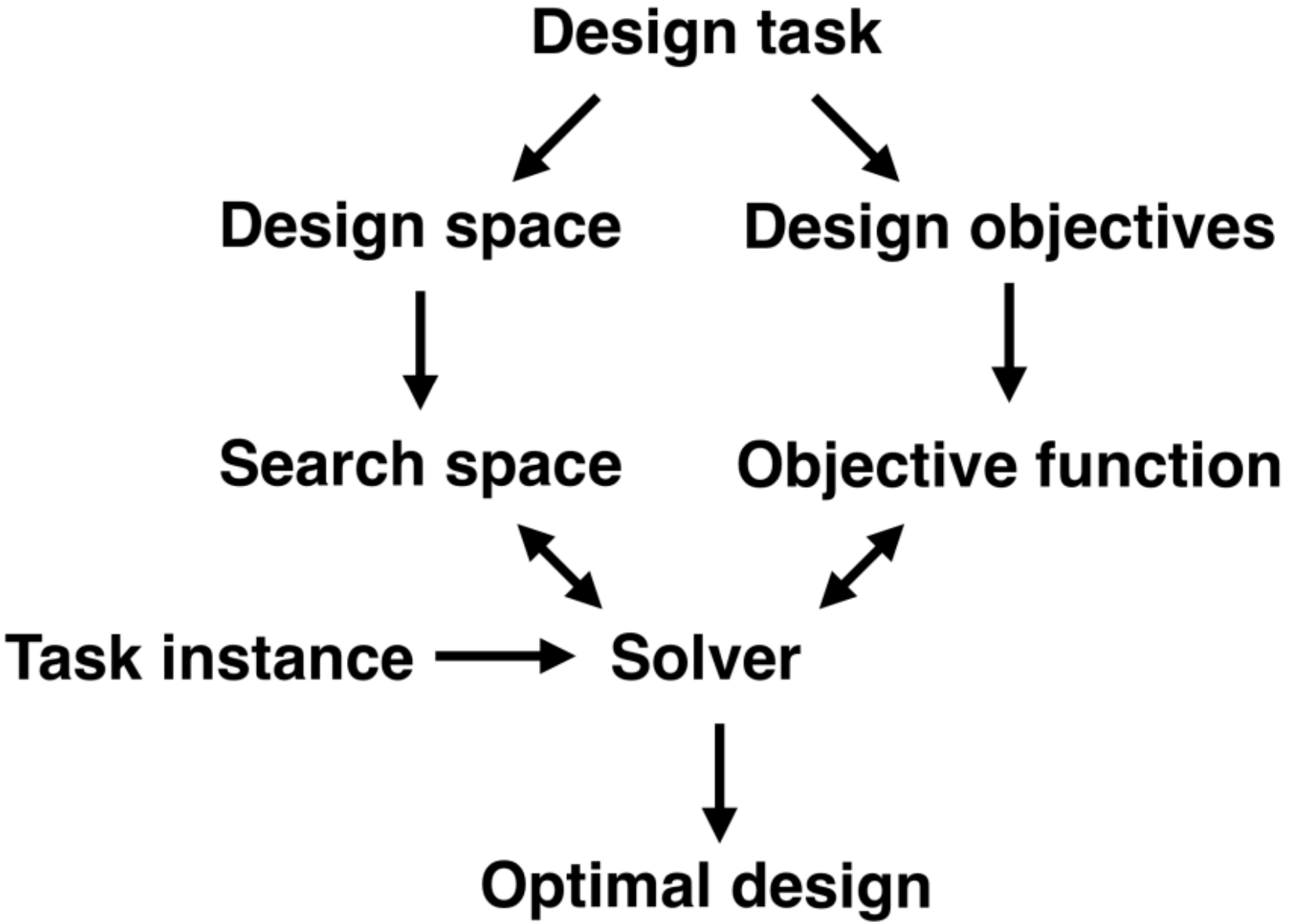


Input Design Task

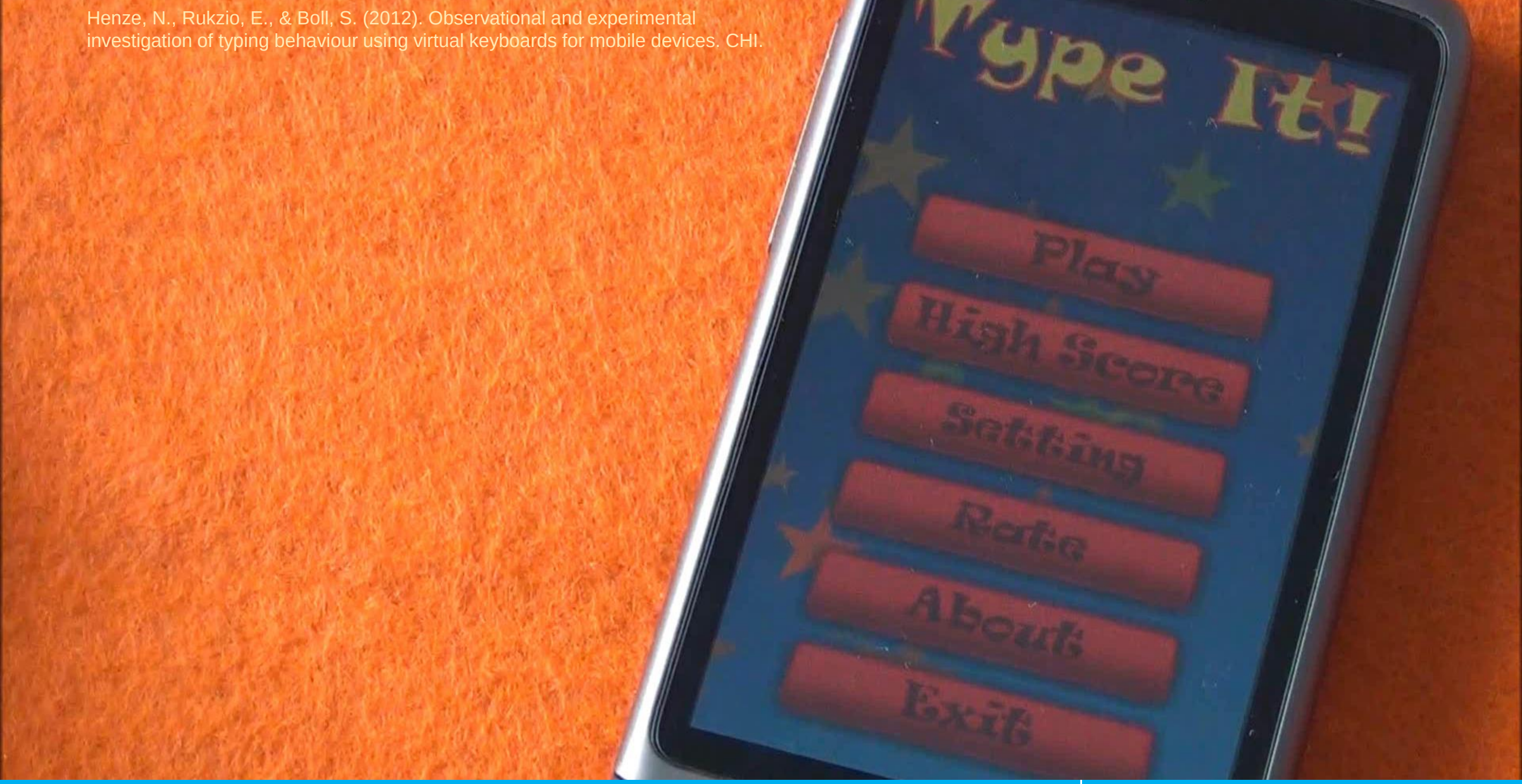


Outputs

Oulasvirta, A., Dayama, N. R., Shiripour, M., John, M., & Karrenbauer, A. (2020). Combinatorial Optimization of Graphical User Interface Designs. IEEE.

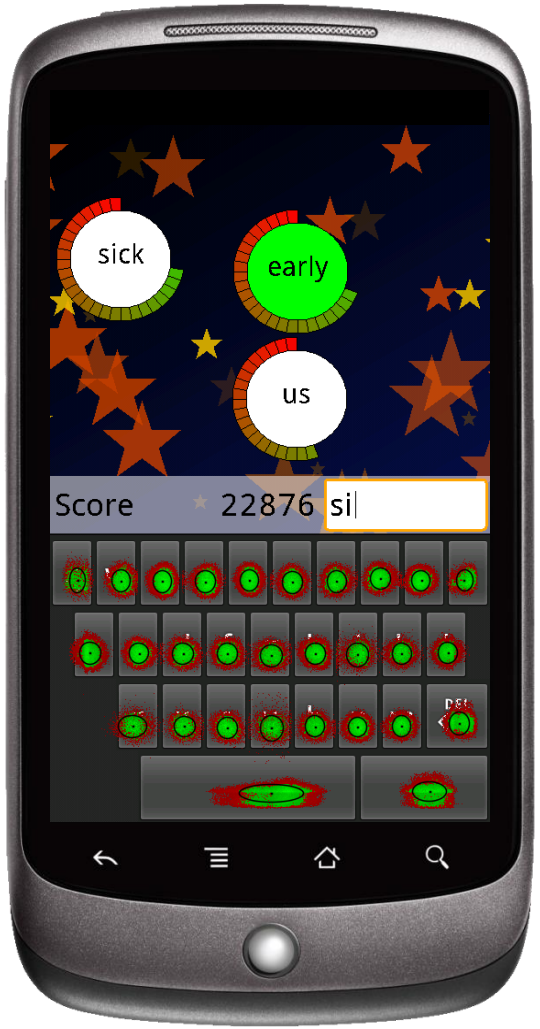


Henze, N., Rukzio, E., & Boll, S. (2012). Observational and experimental investigation of typing behaviour using virtual keyboards for mobile devices. CHI.

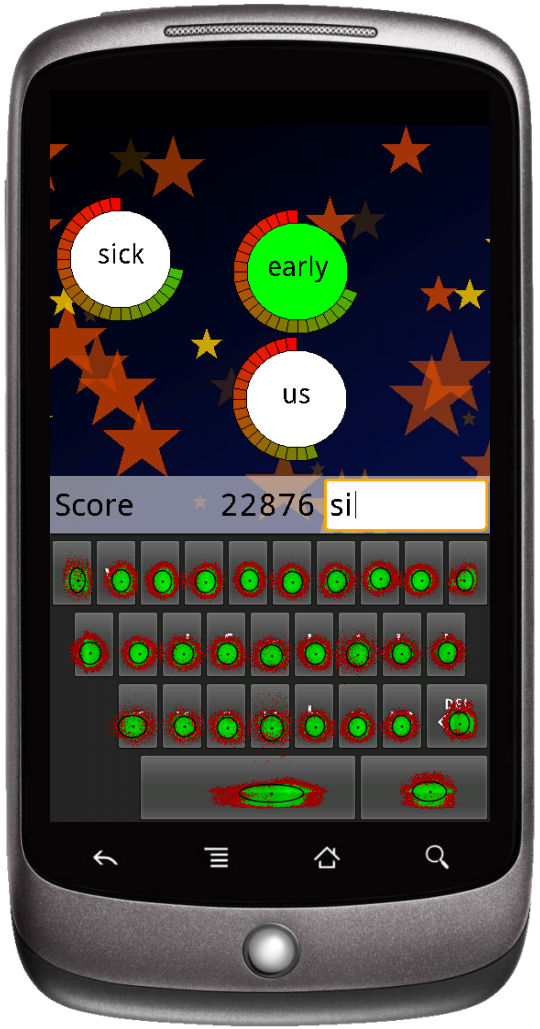


Henze, N., Rukzio, E., & Boll, S. (2012). Observational and experimental investigation of typing behaviour using virtual keyboards for mobile devices. CHI.

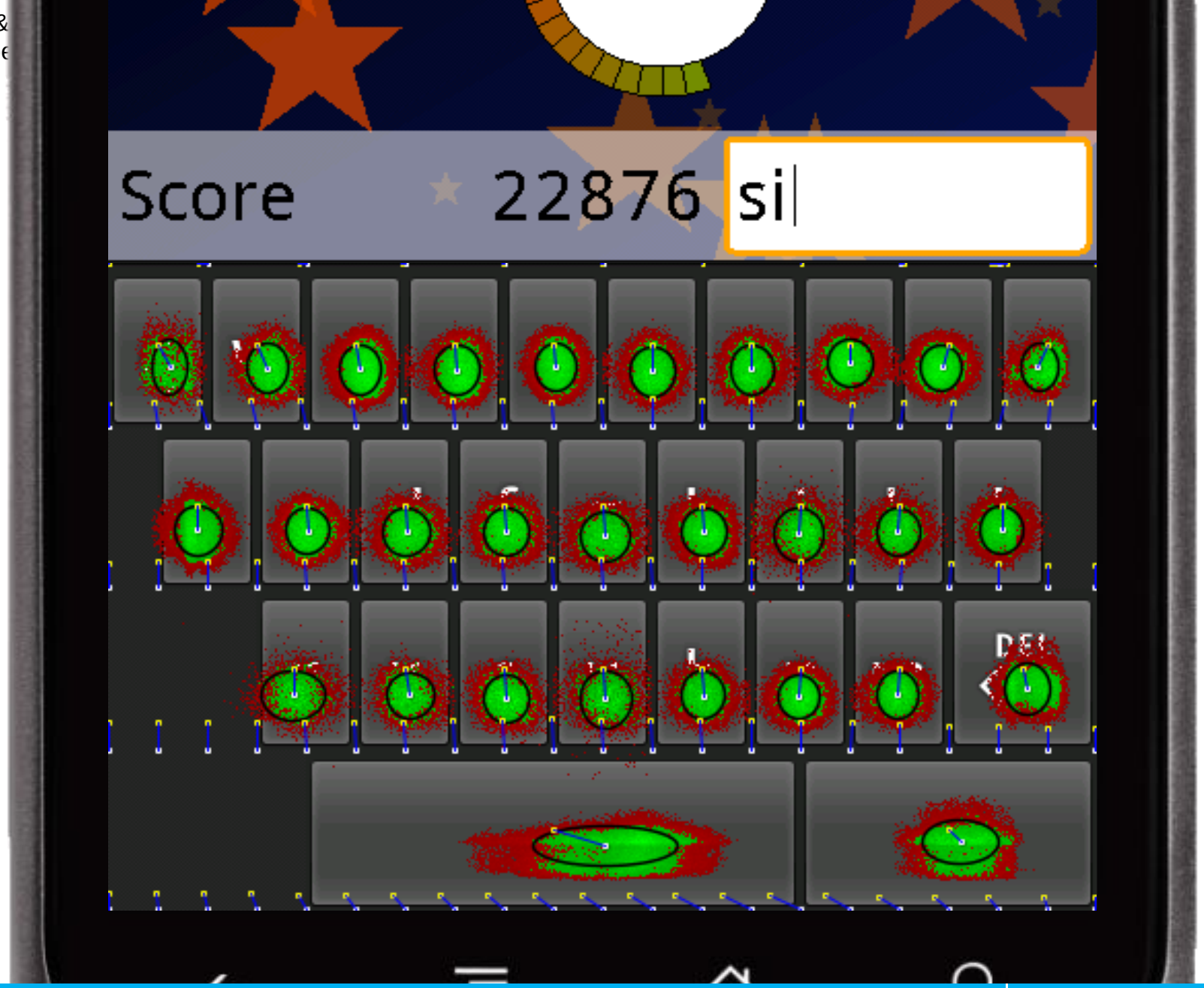
What can we do with this data?



Henze, N., Rukzio, E., & Boll, S. (2012). Observational and experimental investigation of typing behaviour using virtual keyboards for mobile devices. CHI.



Henze, N., Rukzio, E., &
investigation of typing be



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