### Power Metering:

providing information to reduce home energy use.

Conceptual Models Spring 2008 Ethan Goldman
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We want to talk to people to learn about their home energy consumption.







## Energy Monitor

OUTSIDE TEMP

66 °F



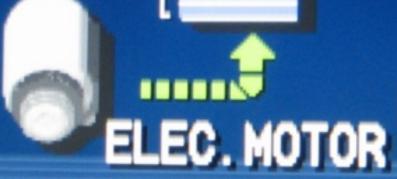


ENGINE



**BATTERY** 







Consumption

Current

MPG 0,0

#### Literature

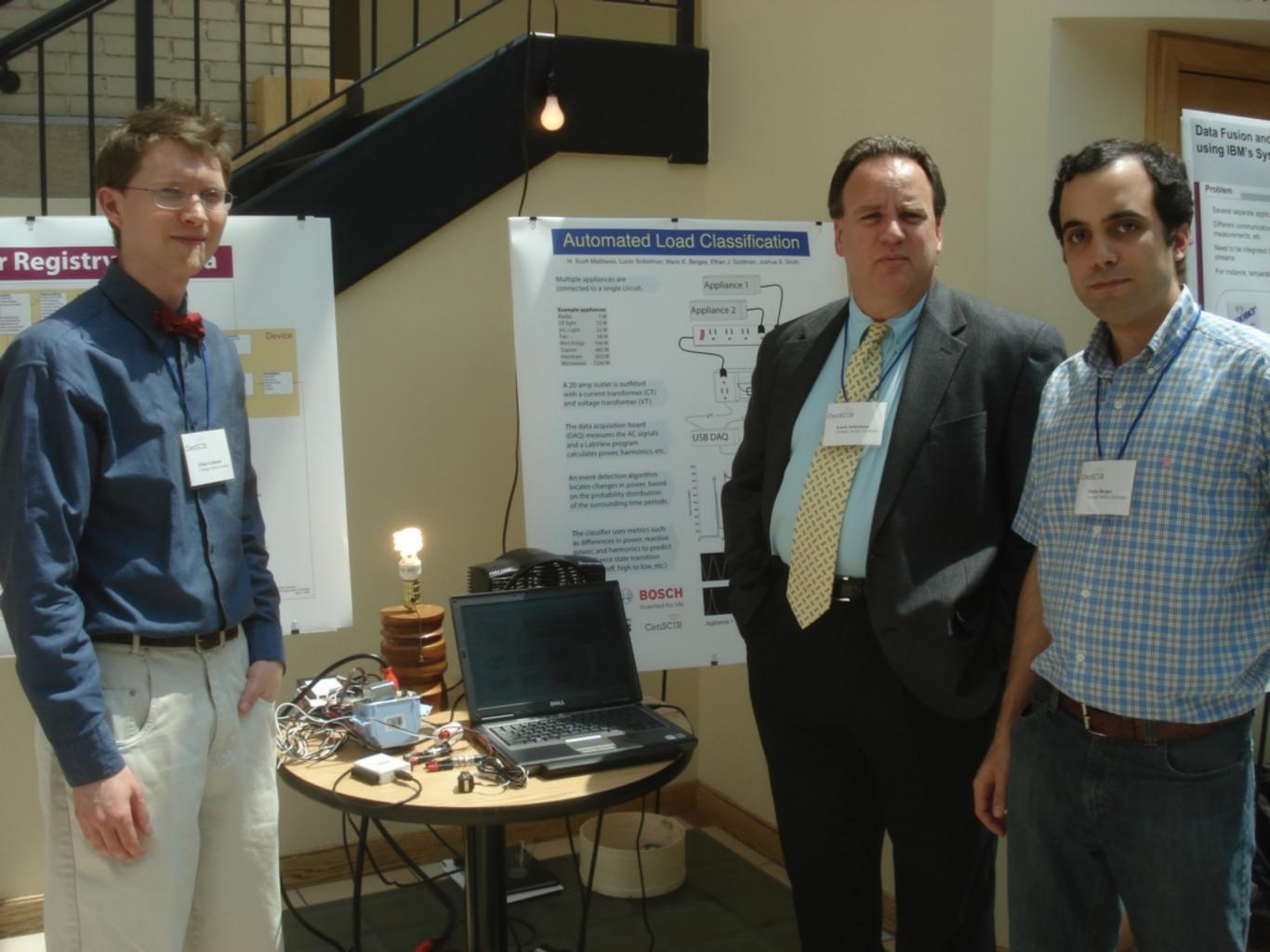
McCalley, L.T. and Midden, C.J.H., Computer Based Systems in Household Appliances: The Study of Eco-feedback as a tool for Increasing Conservation Behavior.

Darby, S., The Effectiveness of Feedback on Energy Consumption. A Review for DEFRA of the Literature on Metering, Billing, and Direct Displays. The Environmental Change Institute, University of Oxford.

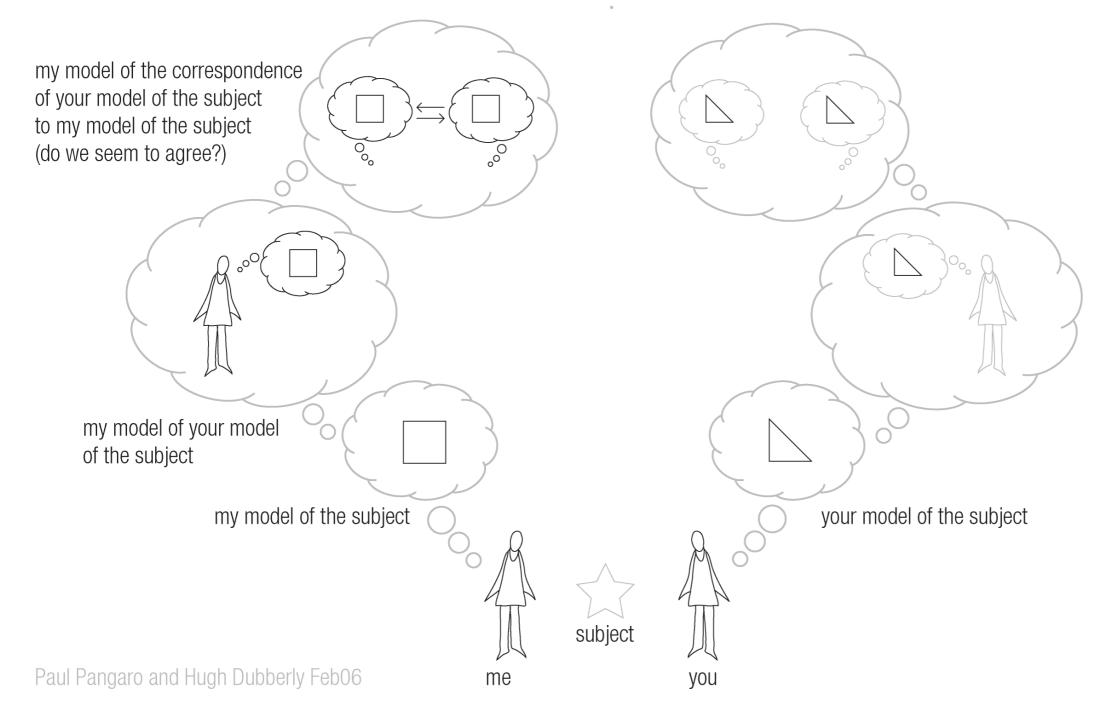
Fogg, B.J., Computers as Persuasive Social Actors. In: Persuasive Technology, Chapter 5, pp. 98-120

Redström, J., Persuasive Design: Fringes and Foundations. In: Persuasive 2006, pp. 112-122

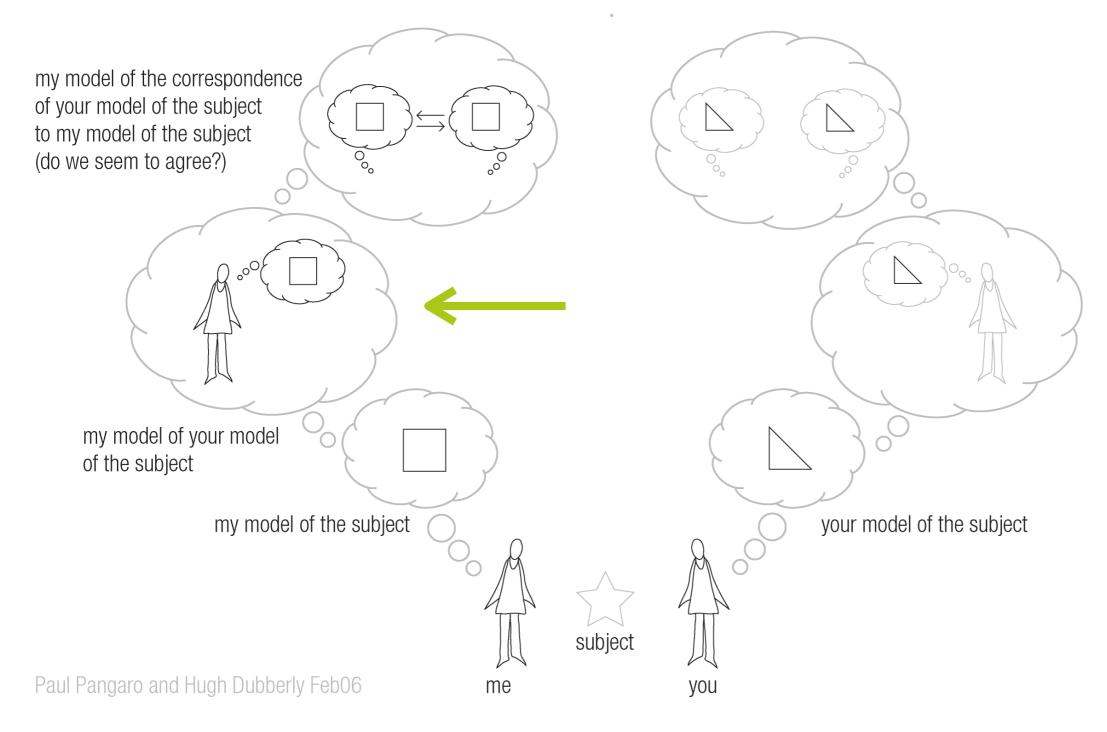
Mankoff, J., et al. Leveraging Social Networks To Motivate Individuals to Reduce their Ecological Footprints. To be published in HICSS 2007.

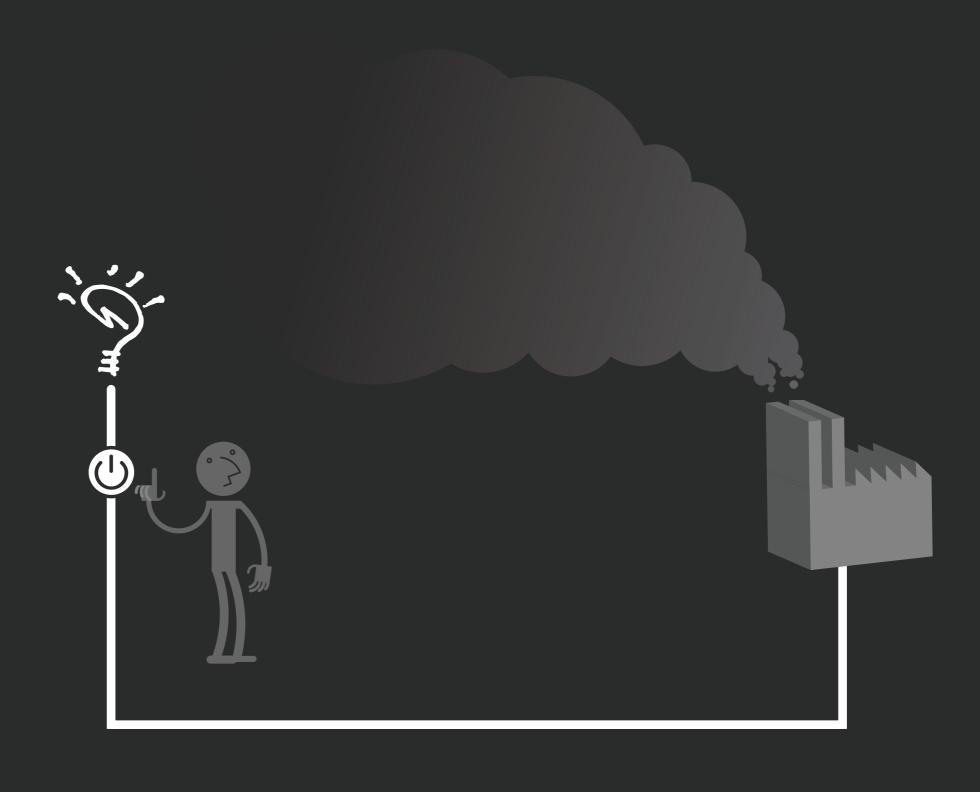


# Model of agreement Human communication relies on agreement



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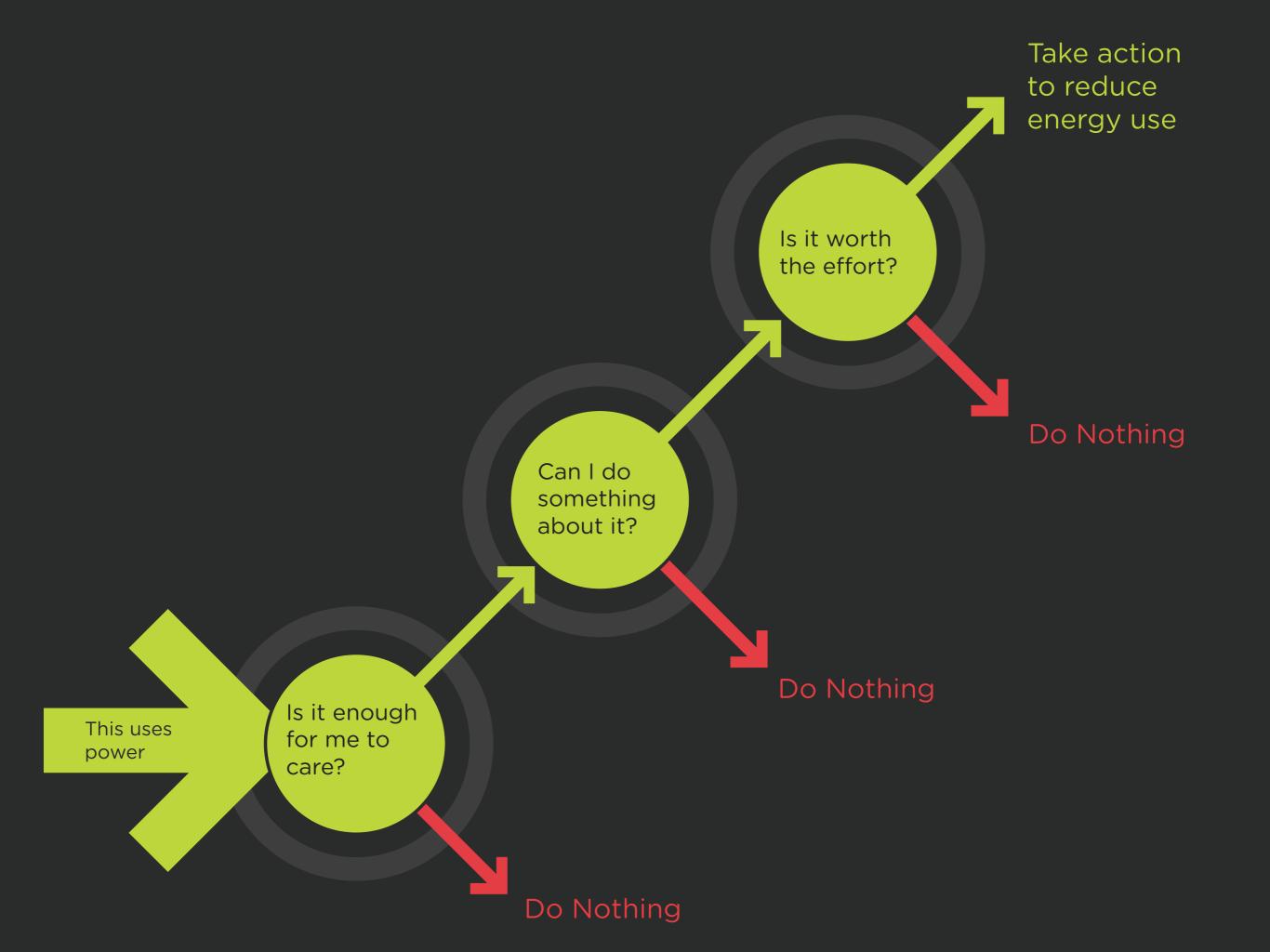


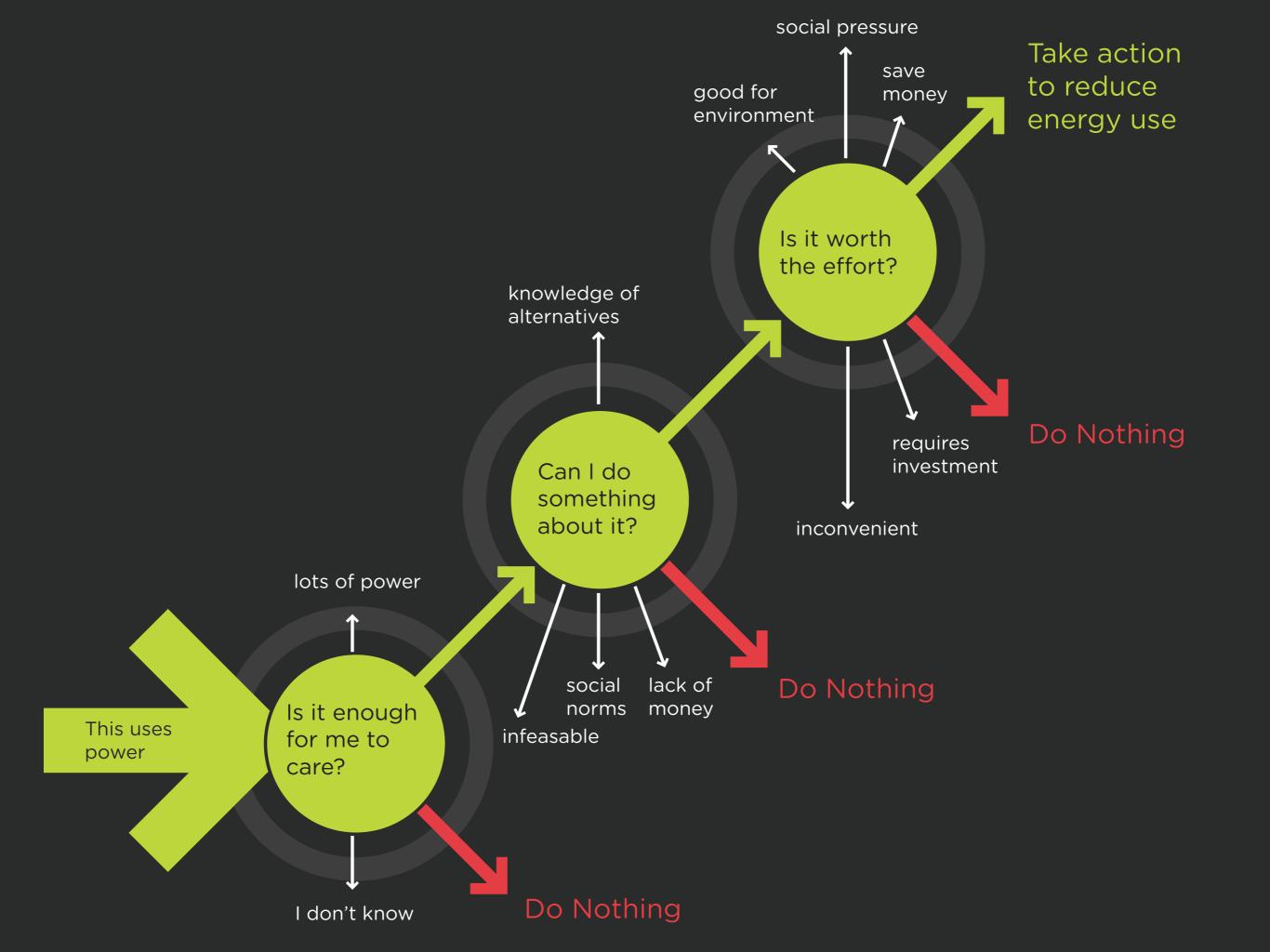


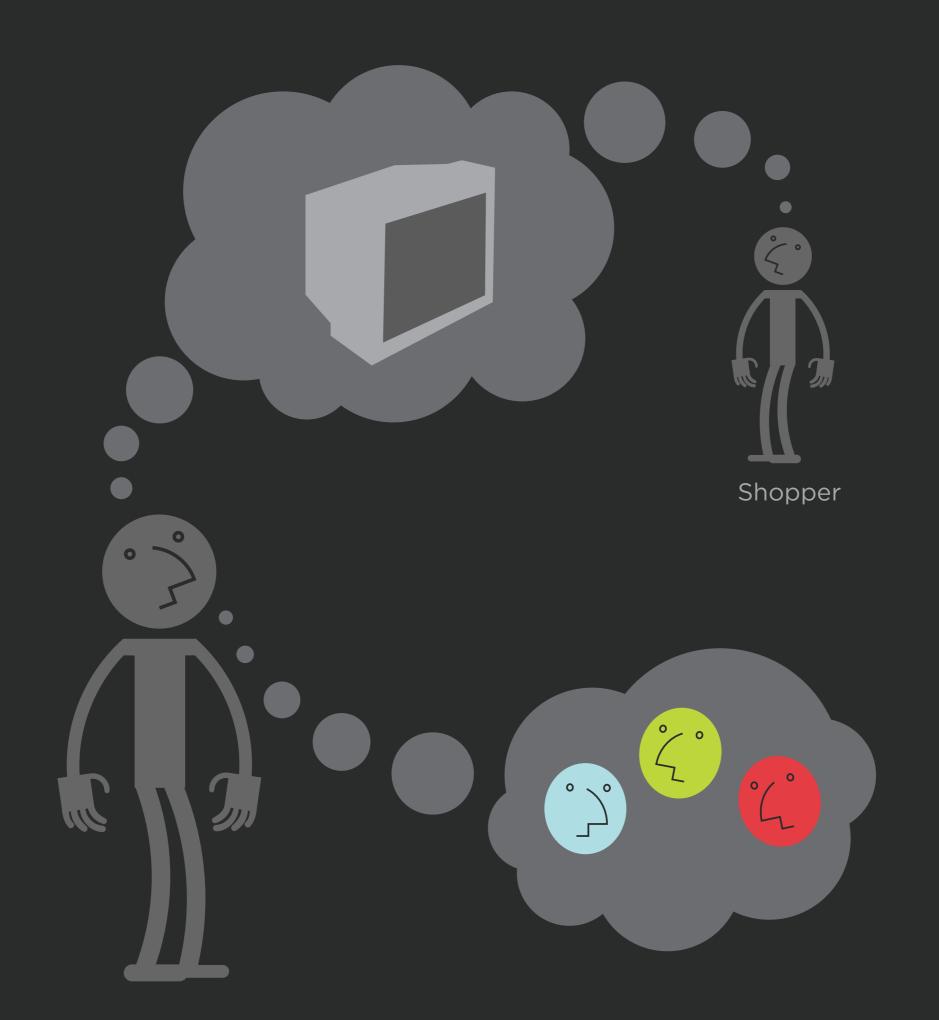


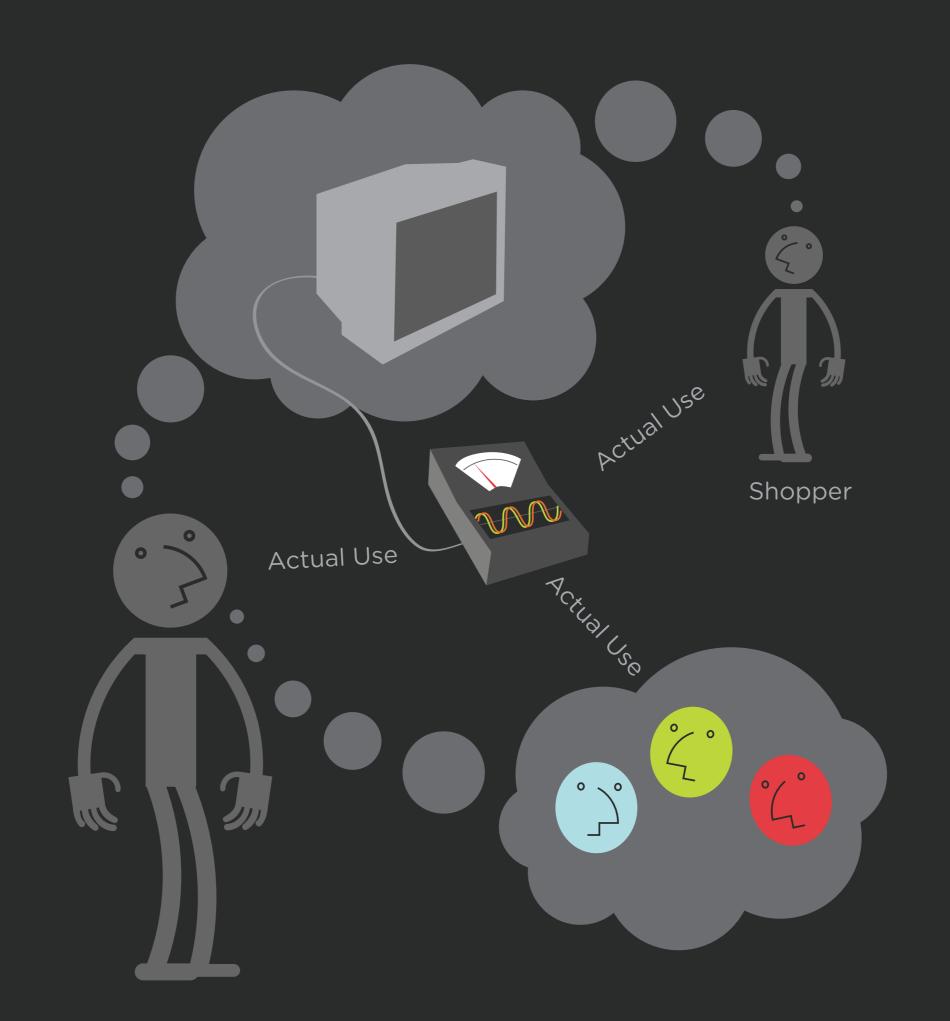












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