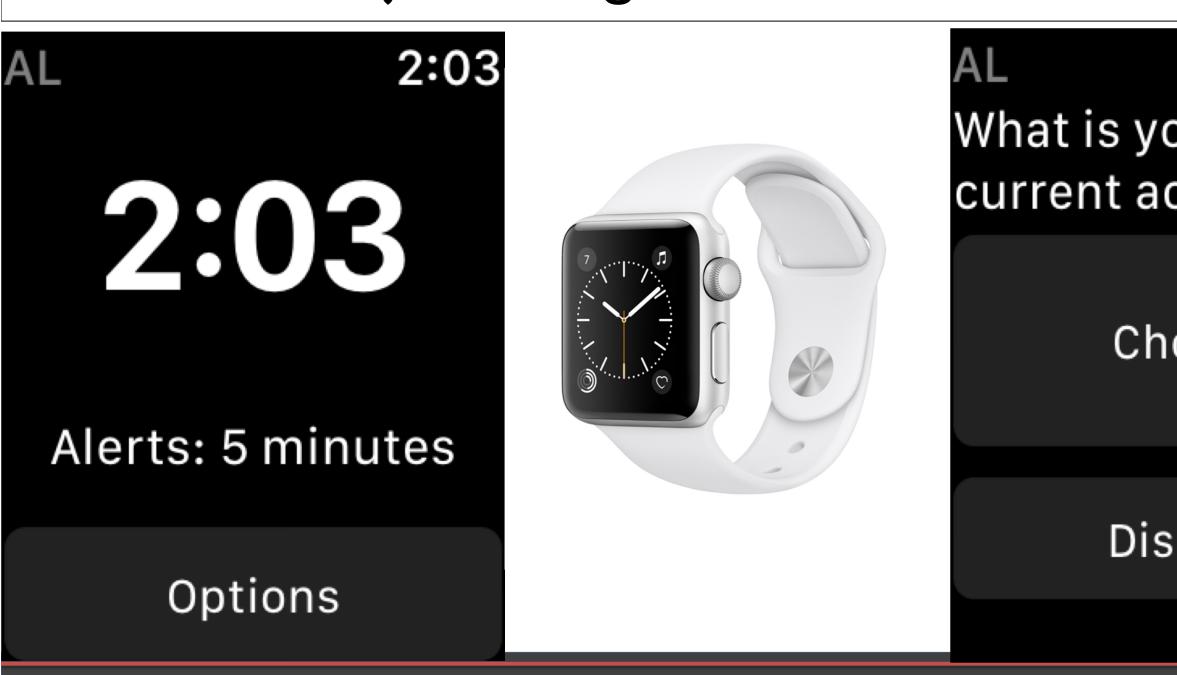


Background

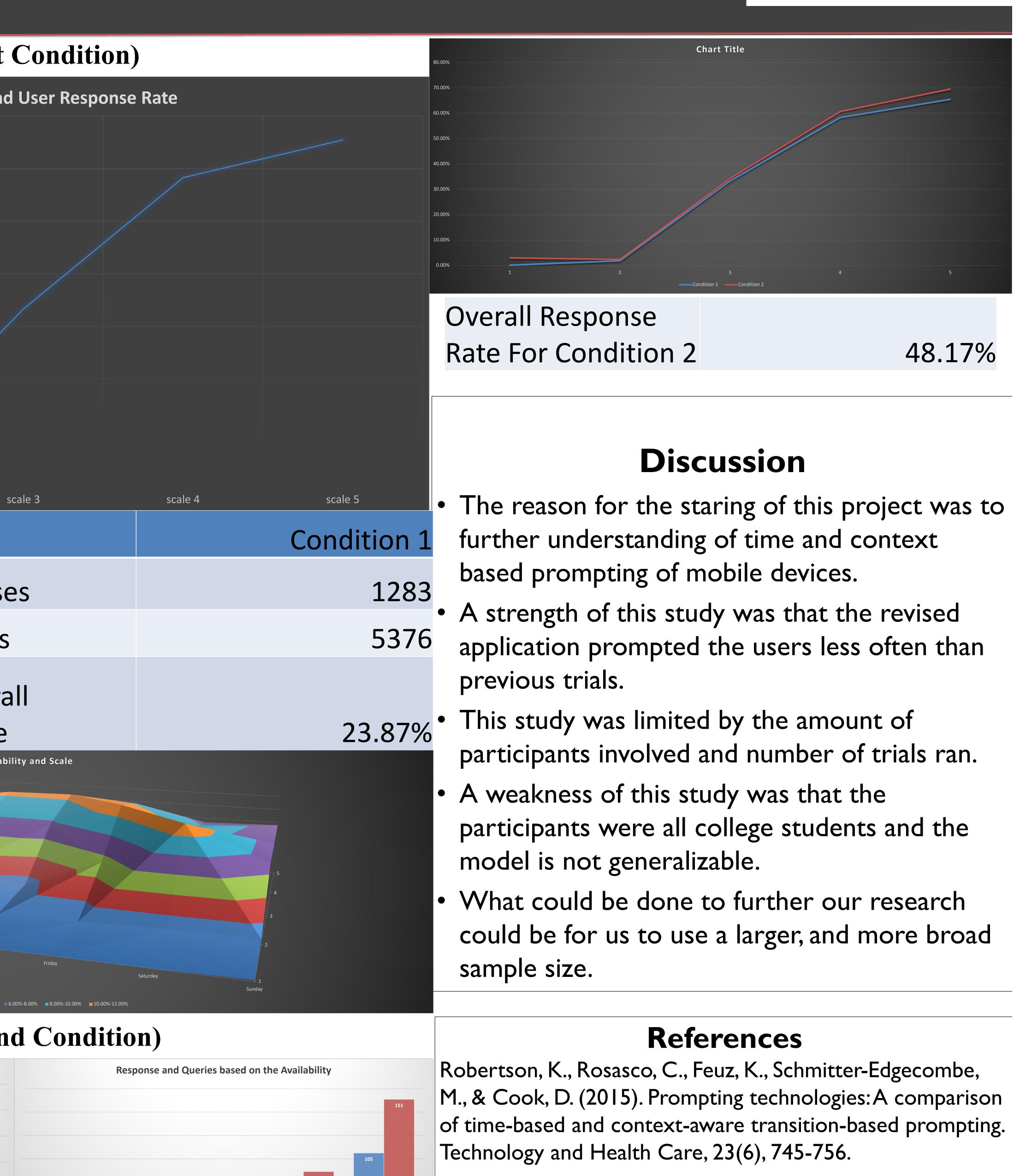
- that won't be ignored?
- can lead to better data
- of life for the user.

Availability Number and User Response Rate • How do we get effective and convenient 70.00% exchanges of information with mobile users 60.00% Knowing the users general schedule and 50.00% preferred timing of interaction with device 40.00% 30.00% • This data can lead to a more simple and 20.00% intuitive application that improves the quality 10.00% 0.00% scale 1 scale 2 Indicated **Total calendar values Total Values** Availability Method 2357 Trials included volunteers from WSU where: Total responses 639 • Participants were given an apple iwatch that sent Total Prompts 721 notifications and collected sensor data. 679 Average overall • Participants engaged in one of two conditions. 980 response rate Condition one notified participants at 15 minute Each day availability and Scale intervals asking "What is your current activity?". • Condition two notified participants based on the participants availability and the active learning models confidence. •We collected data from the Participant pool using a between-subject design.) 00%-2 00% 🛑 2 00%-4 00% 💼 4 00%-6 00% 👘 6 00%-8 00% 💼 8 00%-10 00% 💼 10 00%-12 0(**Results (Second Condition)** 2:09 2:03 What is your Queries current activity? 2:03Choose Alerts: 5 minutes Dismiss Options **CONDITION 2 CONDITION 1**



Activity Learning (AL) Mark Wang, Nathan Forte, Mohamed Abdi Washington State University

Results (First Condition)



of Response # of Querie

Baycrest Centre for Geriatric Care. (2008, December 7). More Evidence The Aging Brain Is Easily Distracted. ScienceDaily. Retrieved April 21, 2018 from www.sciencedaily.com/releases/2008/11/081125181035.htm

