Project Report and Presentation

Intelligent User Interfaces · SOEN7761
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Proposed Ideas

- Brightness Correction

- Voice-Enabled Keyboard

- **Interruption Recovery**

Motivation

- Interruptions are inevitable in Home Context

  - Phone calls

  - Doorbell

  - Other family members interruptions

  - Other chores

  - Etc

Problem and Solution

- No means included in the current system
  - To draw attention
  - Help to remember where the task was left off

- After a threshold of idle time
  - User is asked to:
    - ➢ Start Over
    - ➢ Continue measurements entry

Solution

- Start over
  - The main menu is shown ("Welcome Page")
  - With empty fields

- Continue previous task
  - Pre-filled fields
  - Highlighted last point of entry

Decision Table

	Conditions	Rules	
		1	2
C1	The user has stopped using Vsigns equal or longer than the threshold	-	-
C2	The user chooses to start over	Y	N
C3	The user chooses to continue	N	Y
A1	The system brings user to measurements main list.	X	
A2	The system displays data entry form with entered data.		X
A3	The system highlights the field for the entry it was being entered before interruption		X

Evaluation

- Random selection of participants

- Quickly explanation about the problem context

- Interface recovery adaptation: supportive and not obtrusive

- Although participants:
  - ✓ Do not represent the targeted user model
  - ✓ Have ability with mobile devices

My PHR Demo

- Thank you for you attention

- We will be glad to answer your questions after the demo.