Who is Team 7?

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Outline

I. Background
II. Idea
III. Block Diagram
IV. Design Norms
V. Challenges
VI. Future and Completed Tasks
VII. Questions
• Cell phone use becoming predominate
• Existing landline systems going unused
• Bluetooth capabilities standard in most phones
Cell Phone to Landline system

- Basic cell phone operations from landline phone
  - Send/Receive calls from landline via cell phone
    - Text Messaging
    - Voice Mail
    - Voice Activation
- Easy to use
  - Charge cell phone while in use
  - Full-Wireless capabilities
- Replace or co-exist with existing system
Design Norms

• Integrity
  – Easy to use
  – Maintain standard handset
  – Integrate cell phone features

• Stewardship
  – Utilization of existing systems
  – Savings over multiple phone bills
  – Cost of device

• Trust
  – Quality of Product

• Caring
  – Secure phone calls
Project Challenges

• Full Wireless System
  – Programming with Bluetooth
• Price
  – Similar products priced at $150
• Cell phone connectivity
  – Closed source
• Voice Recognition
Completed and Future Tasks

• Tasks Completed
  – Library research
  – Team website
  – Preliminary PPFS
  – Industrial Consultant Brief

• Future Tasks
  – Continuing research
    • Bluetooth hierarchy
    • Cell phone connectivity
  – Completing PPFS analysis
  – Wired Phone Network
Questions?