Medicine Reminder & Shampoo/Conditioner Identification Device

Week 7 Progress Report
Team 5:
Sheldon Bish
Karla Sittnick
Kenta Umetsu
Work Completed

• Medication Cabinet Designs Underway
• Application Programming
  – Errors
  – Debugging and additional programming
Future Work

- Medication Cabinet Designs in progress
- Application
  - Debug program
  - Transfer to device
  - Predict user errors
Project Review

- Device Casing
- Medication Cabinet Design
- Medication Reminder Application


Work Completed

- **Device Casing**
  - Polyethylene
    - $181.00
  - Polypropylene
    - $166.35
  - PVC
    - $348.06
Work Completed

- SP03 text-to-speech voice module
  - Voice playback volume

- Audio playback subroutine
  - PIC’s parallel port to communicate with SP03
Future Work

- Order Device Casing Material
- Address Volume of SP03
  - Amplifier circuit
  - More powerful, waterproof speaker
- Debug audio playback subroutine
- PC board fabrication
Project Review

- Completing Integration of Last Major Component
- Left to Complete
  - Implementation of Switch and 9V Snap
  - PC Board Fabrication
  - Casing
Budget Update

- **Shampoo/Conditioner Budget**
  - $335.69

- **Medication Reminder Budget**
  - $728.67
Hours Worked

- Sheldon: 13
- Karla: 13
- Kenta: 13
- Total: 39