Effects of Electromyographic biofeedback on Physical Therapy

A. Goals:
   - Design a system using modern sensor technology to improve the effectiveness of physical therapy.
   - Select and implement sensors to provide vitals and other medical data that can be processed and used by healthcare providers and patients.
   - Provide an easy-to-use interface that can give users easy access and understanding of medical variables, regardless of the level of knowledge.

B. Brief Description:
   - The goal of the system is to gather muscle activity data during physical therapy exercises for the use of biofeedback. The system allows patients to have real-time information about how well they are performing a particular exercise.

C. Heights of Achievement:
   - Successful build of a prototype that gathers and processes Electromyographic signals.
   - Interface with tablet and other Android devices to give the user an enhanced experience.
   - Creation of a patient database system.
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