Power-Eye

IoT Course 3 Project

Data can then be live-streamed and recorded to a smart tv via Bluetooth of wi-fi to show leader boards and identify current progress or analysis. Also very useful for presentations.

Speed, power, motion and grip detectors on the barbell sensors transfer repetition data via Bluetooth, wi-fi or cellular capabilities to a smart-phone or device. Specific, detailed analysis can be carried out through these devices.

Speed, power, motion and grip detectors on the barbell sensors transfer repetition data via Bluetooth or wi-fi to a smart-tv. Specific, detailed analysis can be carried out through these devices.

Similarly, data can then be live-streamed and recorded to a smart tv via Bluetooth of wi-fi to show leader boards and identify current progress or analysis. Also very useful for presentations.

Speed, power, motion and grip detectors on the barbell sensors transfer repetition data via Bluetooth & wi-fi to a laptop via through the web-interface using the Power-Eye website with a unique login.

Opportunities & Threats:

- Opportunities:
  - Maps crucial, specific and accurate progress for the modern-day athlete.
  - Avoids filling out paperwork.
  - Non-editable data creates competition, as the athlete(s) cannot hide.

- Threats:
  - Breakdown or malfunction of connectivity.
  - Battery life of devices (except smart TV)
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