



///Technical Issue

Due to delayed coaching, existing technology make it difficult to understand how to correct user movements.

///Research Goal

Achieving a 30% reduction in human costs and coaching fees for sports trainers with a personal trainer AI.

---Technology

- Proprietary movement comparing that extracts important frames and explains the movement differences using VLM.
- Proprietary verbal and non-verbal coaching generation that uses audio-visual and tactile feedback using LLM.

---Applicable Business

In sports business area, applied to indoor gym trainer (2026) and outdoor smartphone trainer (2028).
In healthcare business area, applied to elderly trainer (2028).
In sports business area, applied to swimming school (2028).

---Novelty

While current technology typically provides verbal feedback after practice, our technology provides real-time and intuitive coaching that fuses verbal and non-verbal forms.