Wearable 497 Lab 4 Smart Insole for Gait Analysis

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Introduction

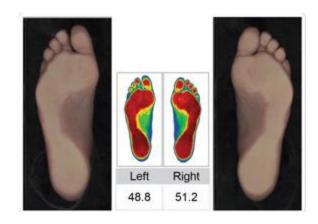
System overview:

 A Wearable Solution for Comprehensive Locomotion Study

State of the art:

Our contribution: yoga pose balance detection

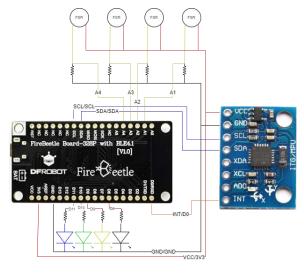






Methods - Hardware

• Circuit diagram

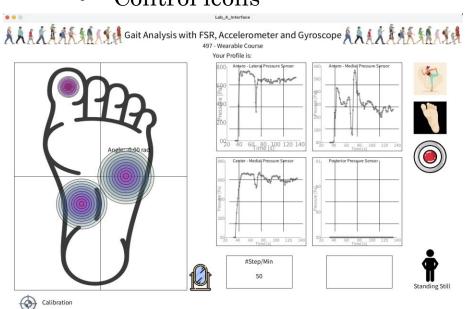


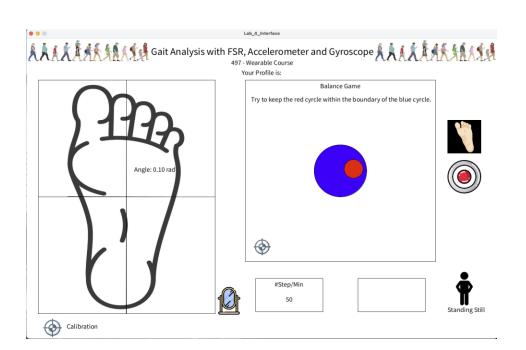


Methods – User Interface

How data was processed

- Graphs
- Heatmap
- Control icons





Application and future work

Demo

- Conclusion
- Healthcare
- Sports
- Ergonomics
- Future enhancement