

Wearable 497

Lab 4

Smart Insole for Gait Analysis

Andrea – ascar5@uic.edu

Carson – cgoodw3@uic.edu

Kofi – gmcnai2@uic.edu

Saif – skazmi21@uic.edu

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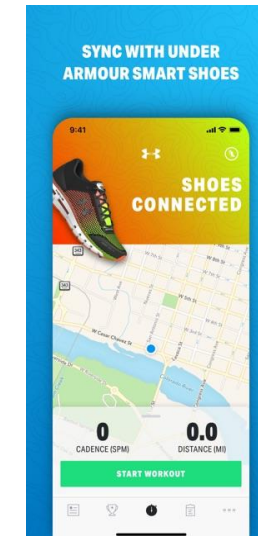
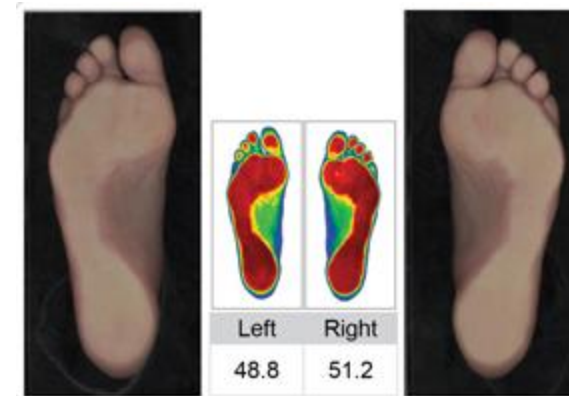
Introduction

System overview :

- A Wearable Solution for Comprehensive Locomotion Study

State of the art:

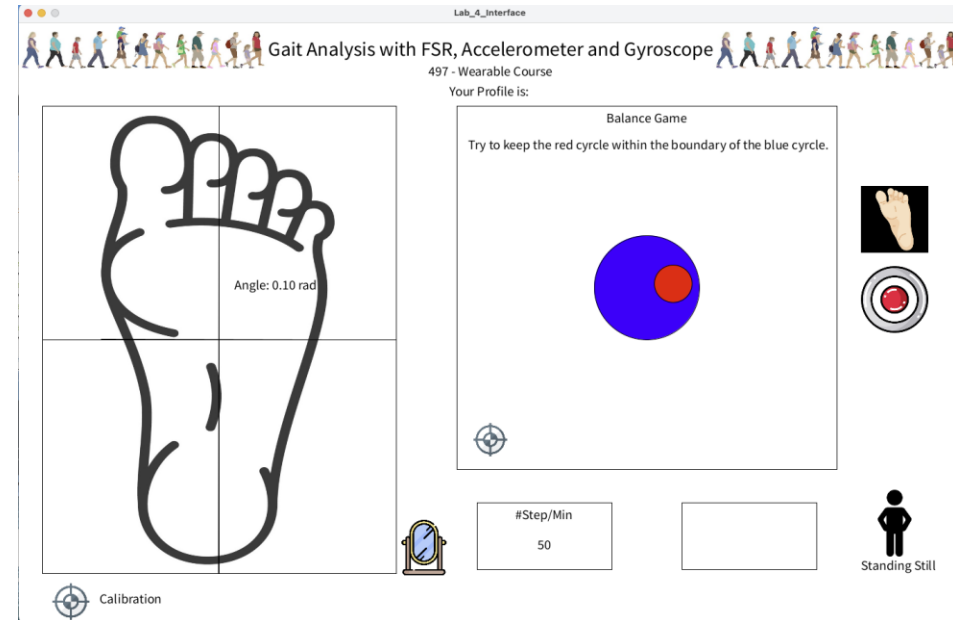
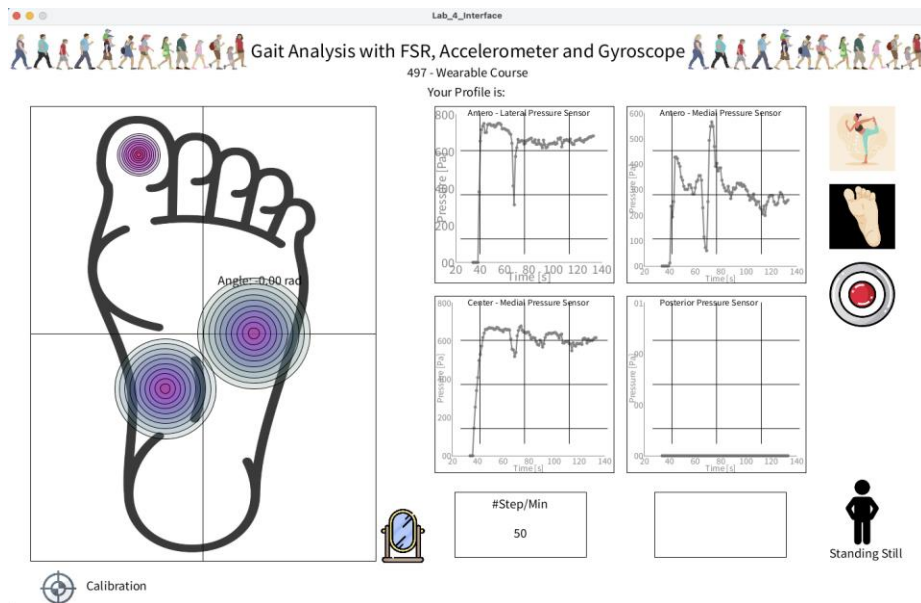
Our contribution: yoga pose balance detection



Methods – User Interface

How data was processed

- Graphs
- Heatmap
- Control icons



Application and future work

Demo

- Conclusion
- Healthcare
- Sports
- Ergonomics
- Future enhancement