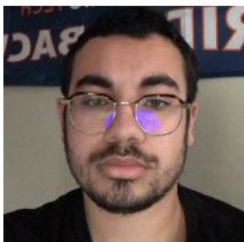




# Final Project Presentation

Industrial Design for Game Hardware



Seif Helaly



Mark Toufic



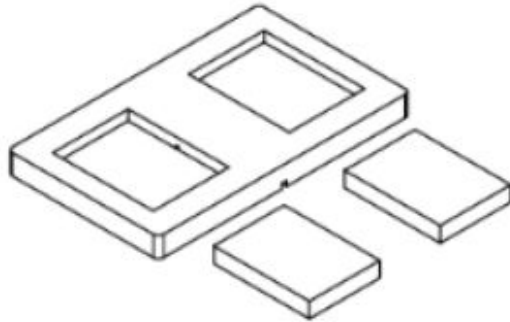
Colin Charleson

# The Walking Sim Controller

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THE  
**HOPEFUL**  
**BOATS**

Problem

**Problem**

We have noticed a lack of immersive active controllers in the marketplace for a reasonable price

**Justification**

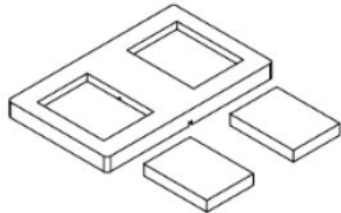
We want to make something affordable for those unable to achieve daily activity throughout their day.

**Identified  
Opportunity**

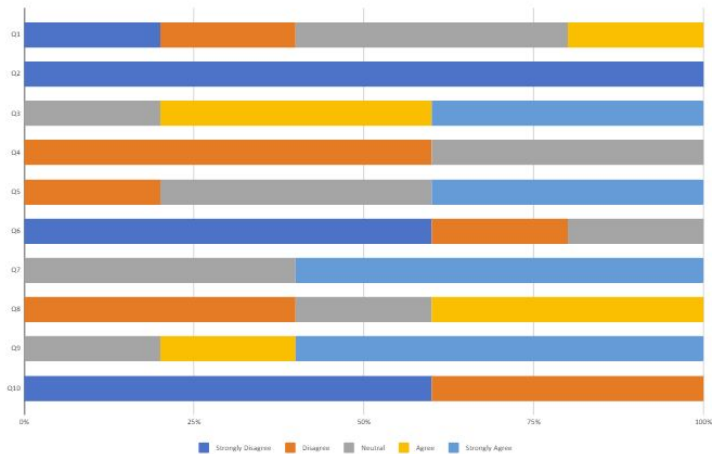
To meet this lack of demand, our team created a immersive active controller that will capture walking movement once stepped on as well as making it for a reasonable price

# Competition Landscape

	The Walking Sim Controller	Ring Fit	Wii Fit Board	Gaming Keyboard
Pricing	✓			✓
Immersive	✓	✓	✓	
Walking Exercise	✓	✓	✓	
Release	November 29, 2022	October 18, 2019	December 1, 2007	1970s - Now



# SUS Report and QFD



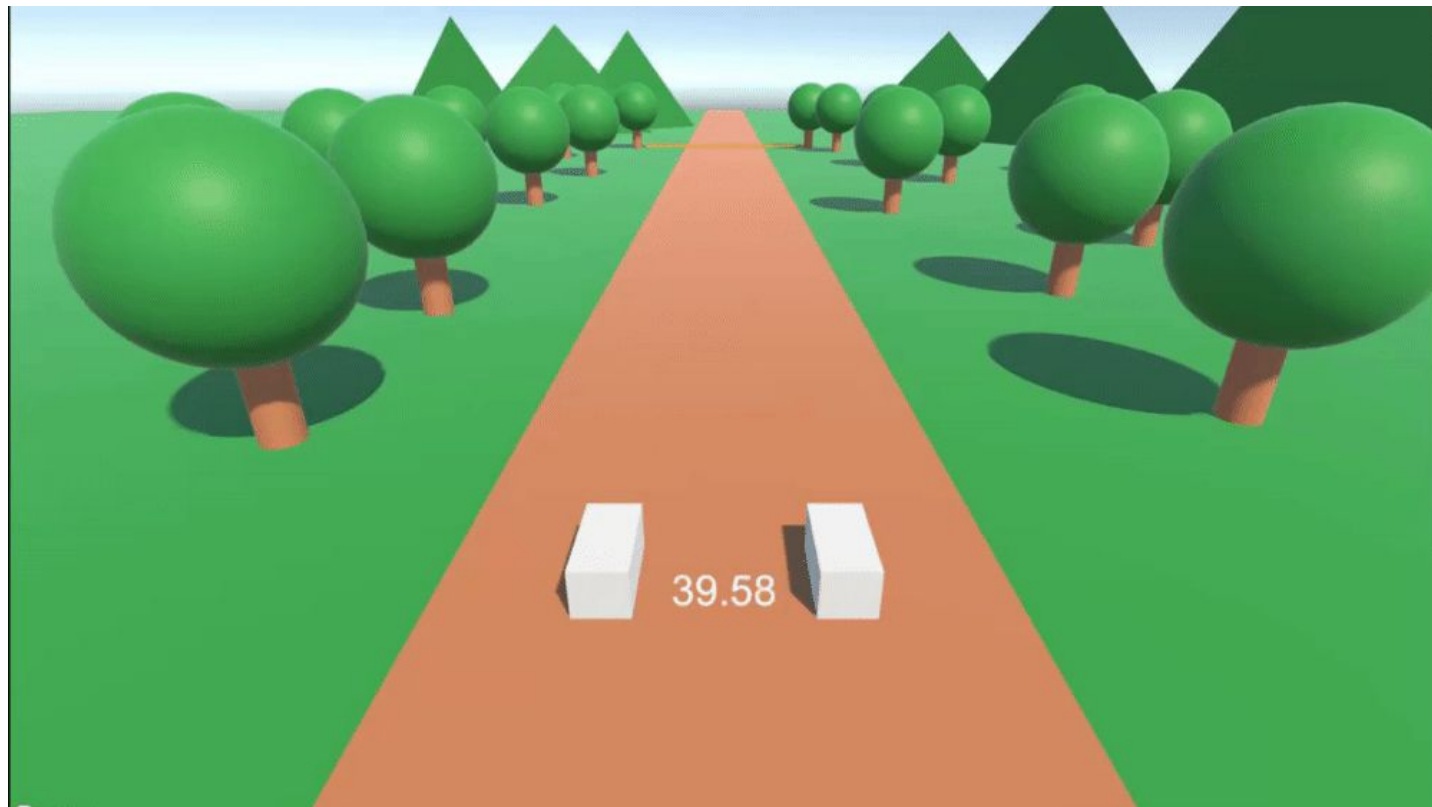
SUS Score

74

Participant	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Score
	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	I think that I found this difficult to use	
1	3	1	5	2	5	1	3	2	4	1	82.5
2	4	1	5	3	5	2	5	4	5	2	80
3	1	1	4	2	3	1	3	4	5	1	67.5
4	2	1	3	2	3	3	5	2	5	2	70
5	3	1	4	3	2	1	5	3	3	1	70

Customer Importance	Maximum Relationship	Functional Requirements	Simplicity	Durable	Comfortable	Resources Used	Noise Level	Physical Design	Our Product	Wii Fit	Ring Fit	Keyboard	Row #
8	2	User Friendly	●	○	○	○	○	○	3	4	4	2	1
8	9	Durability	○	●	○	○	○	○	5	4	1	3	2
6	9	Comfortability	○	○	●	○	○	○	4	3	4	2	3
7	9	Affordability	○	○	○	●	○	○	4	1	1	3	4
2	9	Noiseless	○	○	○	○	●	○	4	4	4	1	5
1	9	Apperance	○	○	○	○	○	●	3	3	5	4	6

# Interactive Scene



# Takeaways

- Time Management with other courses involved
- Didn't get controller 3D printed
- Controller works as intended
- Should have started the iteration process earlier

Thank you!

Please ask any questions during the demo session.