

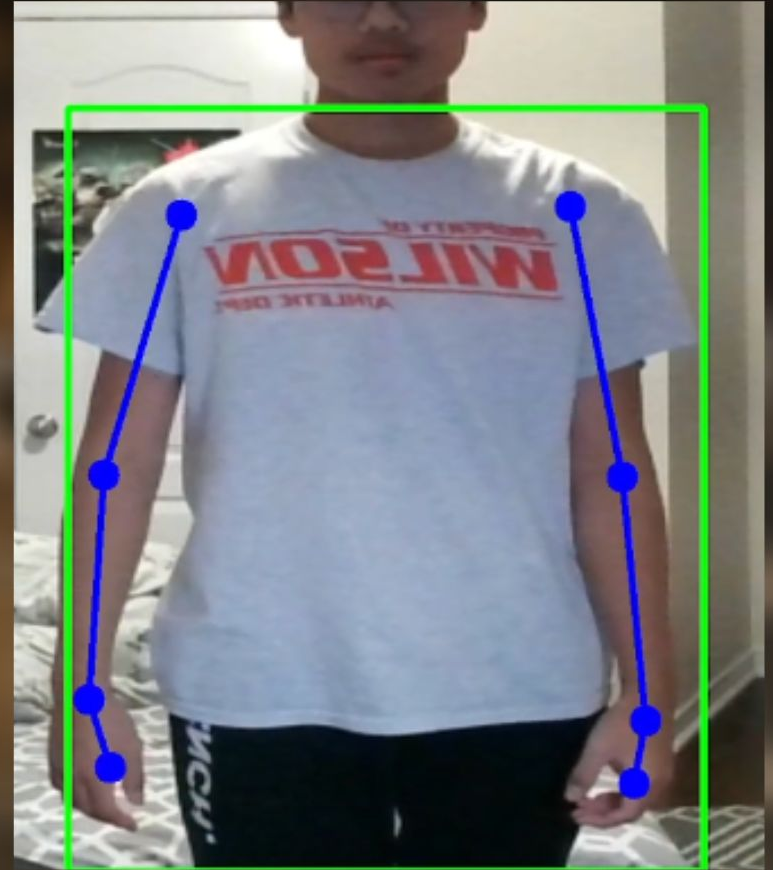


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By: Brian, Rohan, Aaron, Rudy

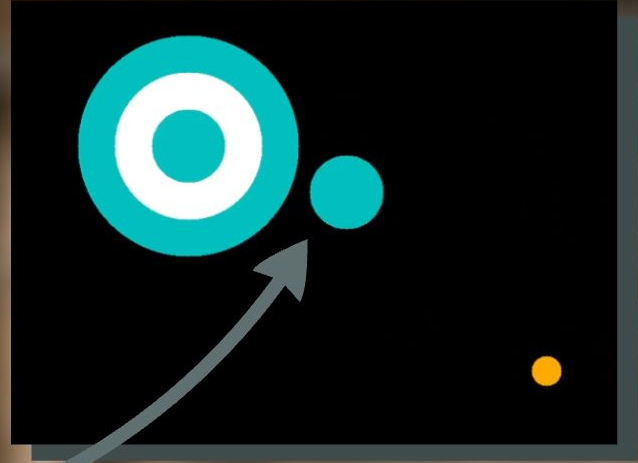
## ■ Our Concept

- Creating a boxing esque exercise game using OpenCV software
- Have a camera scan for arms and joints rather than a hand-held remote
- Great training for aspiring fighters as well as leisure activity for people at home
- Create a scalable business model through this product



# Project Details & Intricacies

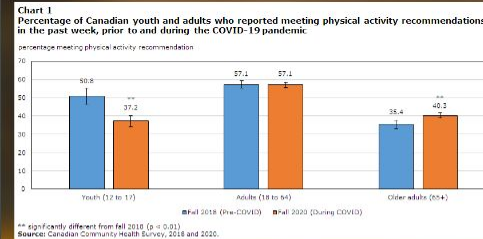
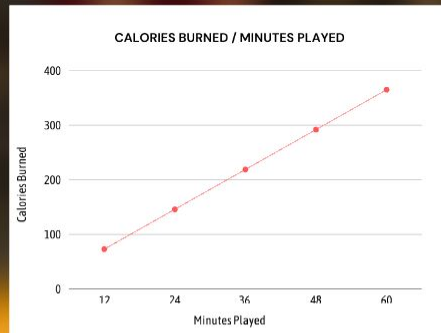
- Two different game modes
  - Target Speed and Accuracy Practice
  - Reaction Time Practice
- Several different sound effects to enhance player emersion and dedicated volume and camera button
- Circles representing hands enlarge when punch is initiated
- Simple prompts and navigation system for ease of use by the user
- Thought out logo and branding for game



# Statistics

## Results/Information after running physical tests

Users who play Punch Perfect for only 30 minutes a day are estimated to burn an extra 1500 calories in a week

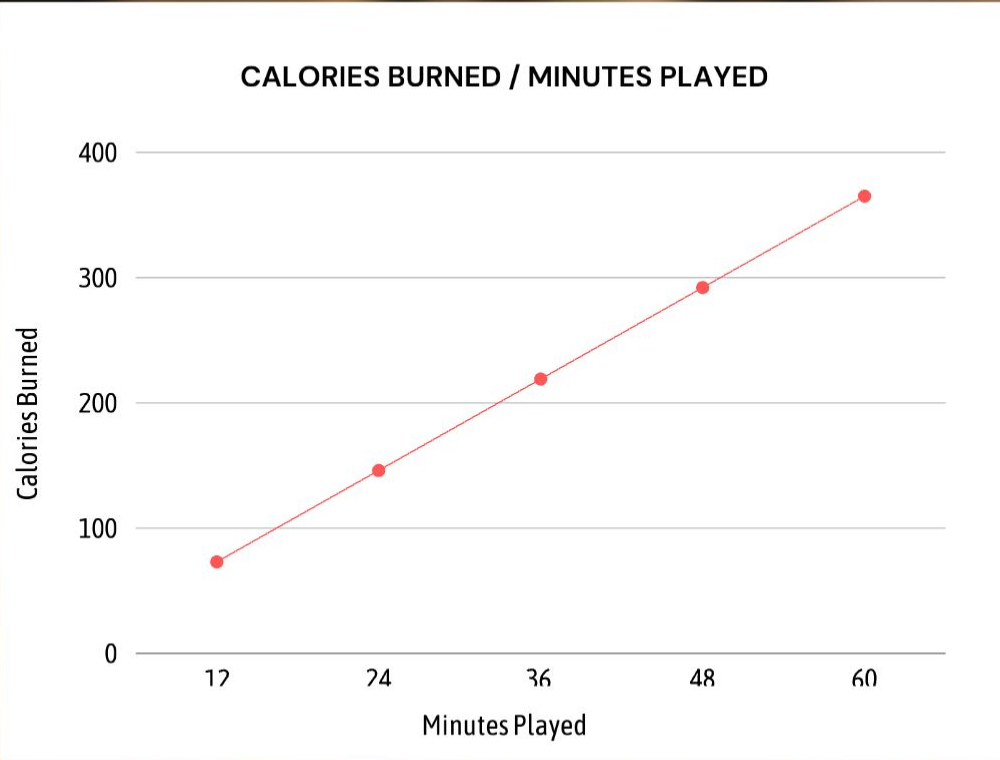


Statistics Canada - <https://www150.statcan.gc.ca/n1/pub/45-28-0001/2021001/article/00032-eng.htm>

Perfect Punch is an excellent online resource for the youth to use rather than being on their phones



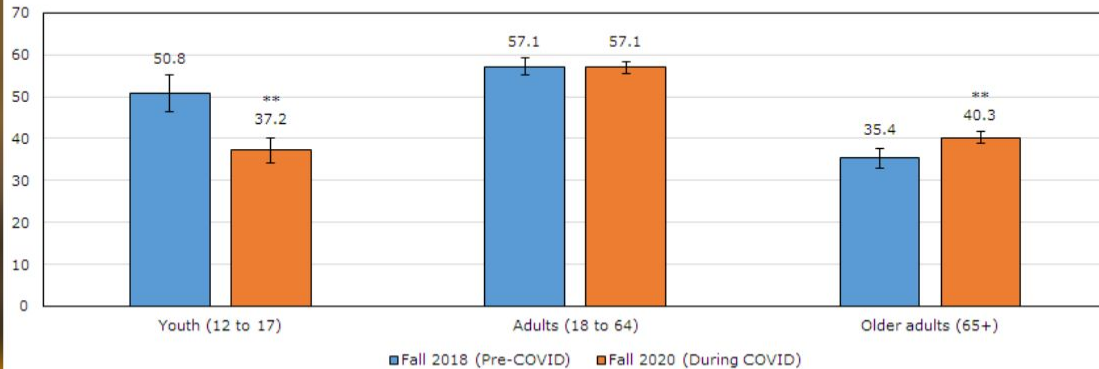
Users who play Punch Perfect for only 30 minutes a day are estimated to burn an extra 1500 calories in a week



**Chart 1**

**Percentage of Canadian youth and adults who reported meeting physical activity recommendations in the past week, prior to and during the COVID-19 pandemic**

percentage meeting physical activity recommendation



\*\*\* significantly different from fall 2018 ( $p < 0.01$ )

Source: Canadian Community Health Survey, 2018 and 2020.

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# Health & Societal Benefits

- Makes exercise fun and accessible to everyone
- Requires minimal equipment to function compared to other related games
- Improves fine-motor skills
- Excellent asset to be used in rehabilitation clinics for patients that have suffered a traumatic injury
- Great for large offices to help employees destress in short periods of time



**Thank you for listening!**

**Any Questions?**