

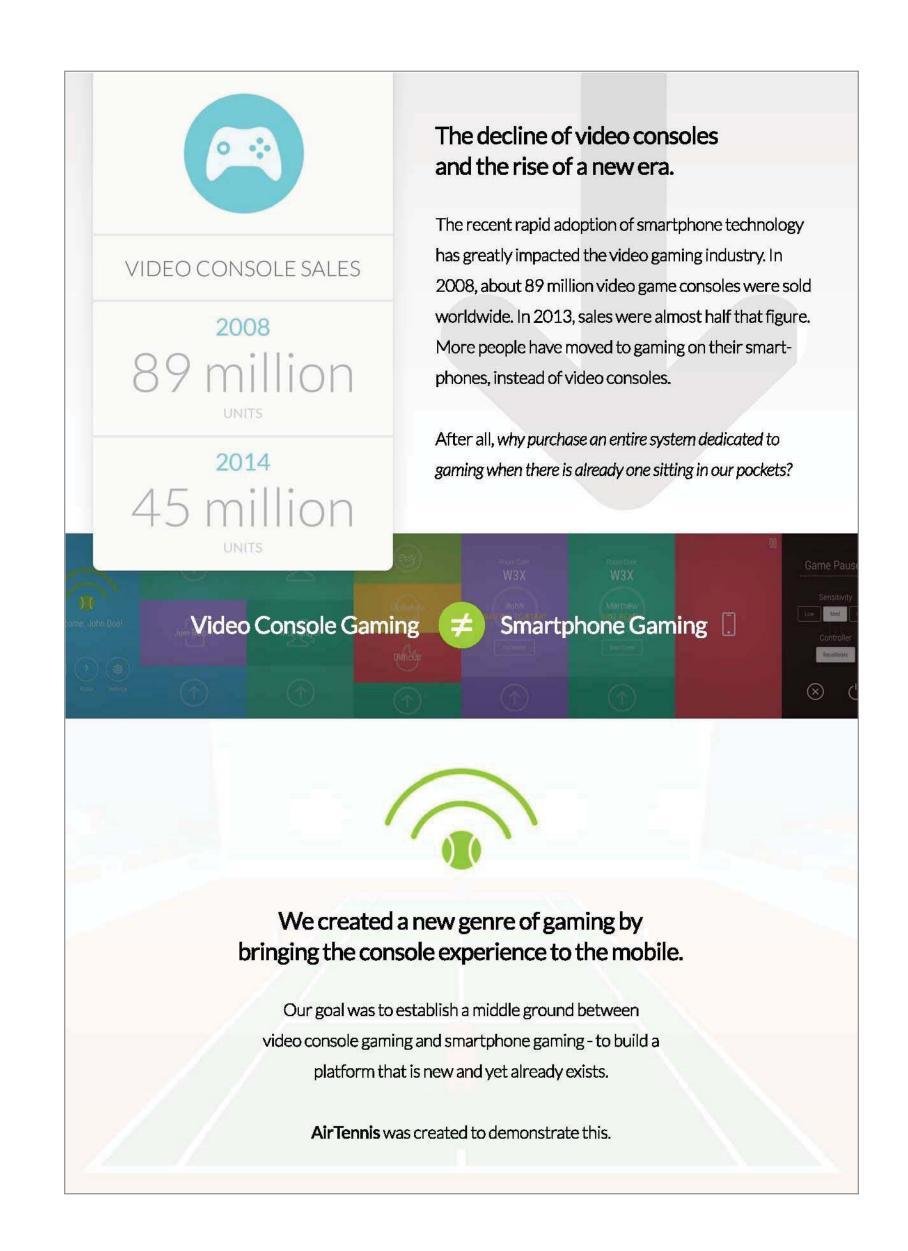


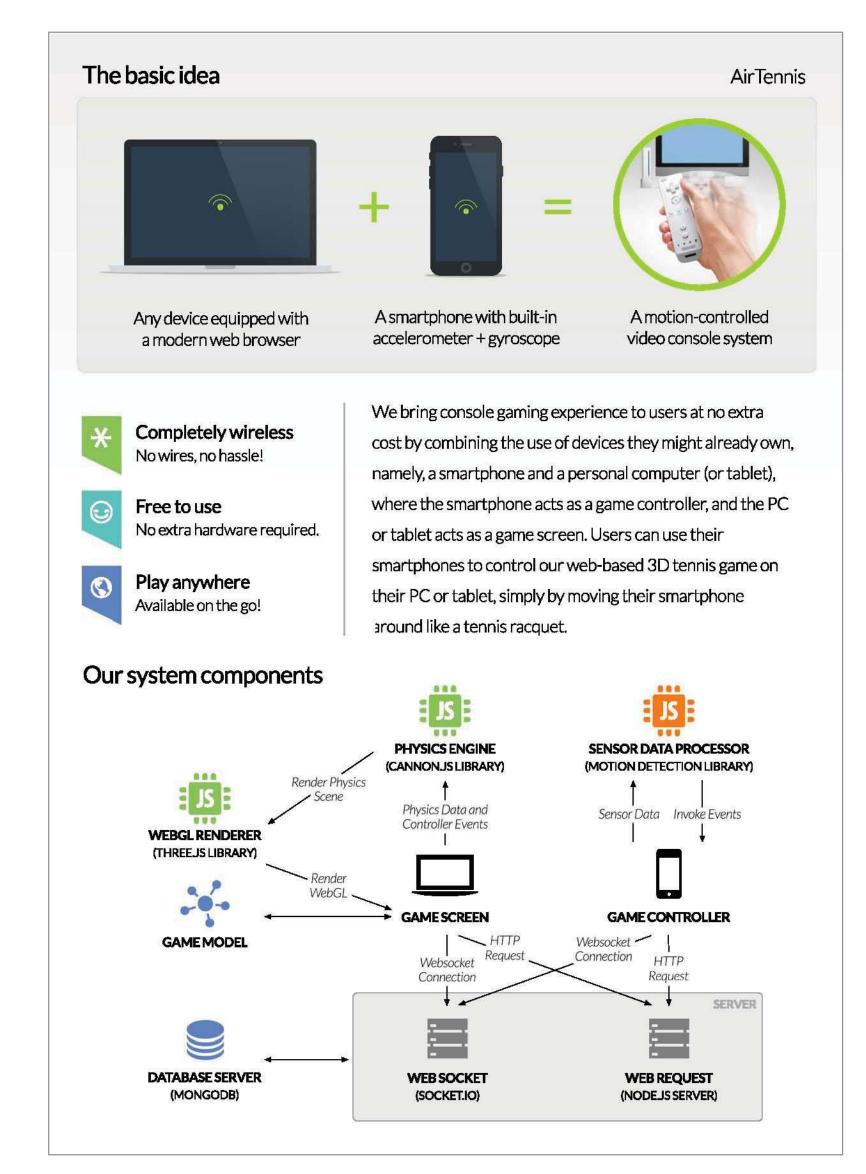
AirTennis – A web-based mobile motion controlled console game

Project by
Tung Matthew Tin-Lok Ng Ngai Sing Ben Siu Wa Chiu

Advised by Prof. Pedro Sander









Custom Motion Library

We developed an extendable library for smartphone motion sensing and recognition, built from the ground up using Javascript. It provides functionality for obtaining and standardising sensor readings, as well as recognising different types of user input via sensor fusion. Oh, and it's open source-ready!

Cross-Platform Compatible

Our entire project is web based. The game is WebGL driven, our mobile and desktop clients are developed using web technologies – it literally works everywhere, across different devices and platforms: iOS, Android, Mac, Linux, Windows... Just make sure your browser is up-to-date and you'll be good to go!

Single and Multiplayer Modes

We've implemented three difficulty levels for our AI in the single player mode: easy, medium and difficult. Playing against a friend? We've got you covered! With our multiplayer networking implementation, you can simply create a room and get a friend to join using your unique room code.

Open Source Ready

Our motion recognition library is open source ready – we built custom APIs that can be used by developers to create their own Wii-like motion controlled games. What are you waiting for? Contribute to our library and let's change the way console games are to be played!