

IOT CLOUD SOLUTION FOR “MOVE CORRECTLY”

What they do...

1. Posture and Movement Assessment with Kinect
2. Using the Kinect, which requires nothing to hold on to, makes performing the movements more natural, and makes it more effective for catching issues with our fundamental human movements.
3. We believe that good posture and optimal movements are the foundation on which health, performance and aesthetics are built on. We believe that technologies such as sensors, intelligent algorithms and cloud computing can radically change healthcare for the better.

What we did...

1. Kaalpanik offered a four week consulting engagement to study data from the KINETIC SENSORS

Value we offered...

1. The Kaalpanik Microsoft Cloud solution lead to Efficient posture tracking and recommendation engine.
2. The Kaalpanik solution was non-invasive for existing processes and systems and did not require additional Capital investment f.

What the do...

Move Correctly - Posture & Movement Assessment System is an interactive posture and movement assessment to help wellness professionals provide actionable and holistic advice. It allows you to quantify posture and mobility, and provide corrective recommendations in which results can be viewed online or emailed to the patient directly.

The condensers in the power unit are air cooled using fans equipped with Variable Frequency Drive (VFD) technology.

About the Client

Although we humans come in all shapes and sizes, there are fundamental movements that we perform and learn since young, and for which the CORRECT mechanics are pretty much the same. These include squats, lunges, balancing on one leg, rotating your trunk, among many others. However many people these days, whether young or old, can not perform these movements correctly. Also having our asses glued to chairs and heads poking at phones are not helping either.

In 2012 Oskar realized he had an opportunity to help these people, including himself by creating a software that can give the roadmap to better posture and movement. The Beta version of Move Correctly was launched in Singapore in 2013 and we landed five B2B customers. However as sometimes these stories go we ran out runway then.

Now we are preparing the second version of Move Correctly for the US market, with a target launch in Q1 2017.

Benefits

Kaalpanik's analytic expertise helped company achieve following benefits:

Measure your clients posture & movement

With the Kinect 3D sensor, taking accurate posture measurements.

With Microsoft IOT HUB (AZURE): The client was able to make a more valuable product and use AZURE's value added functions such as Bi-directional Communication

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- Security-enhanced communication channel for sending and receiving data from IoT devices
 - Built-in device management and provisioning to connect and manage IoT devices at scale
 - Take advantage of IoT Edge to make hybrid cloud and edge IoT solutions a reality. IoT Edge provides easy orchestration between code and services so they flow securely between cloud and edge to distribute intelligence across a range of devices. Enable artificial intelligence and other advanced analytics at the edge, reduce your IoT solution costs, ease development efforts and operate devices offline or with intermittent connectivity.

***Benefits to their Clients: Whether you are physical therapist, chiropractor or personal trainer, you will be able to create visually compelling reports for your clients, with clear and understandable advice.

***Benefits to the Consumer: They will easily understand what posture or movement issues are holding back your progress, how you will benefit with either increased performance or reduced chance of injury, and how to go about fixing the issues.