

# Wearable Technology

## Client

A wearable devices technology company.

## Business challenge

The client needed an engineering partner who would function as a technology partner and take complete ownership of defining the software roadmap:

- The company lacked an in-house team to build this high performance platform
- The client also lacked the technology alignment for their product vision
- The solution required close to real-time responsiveness and needed to support mobile customers

## Approach

Provided an analysis of the main points and proposed setting up a product development team who would handle all aspects of the product's introduction:

- Produced an innovative engagement model allowing predictable costs for the defined scope
- Implemented storyboarding to capture all user stories, which unlocked hardware requirements the client could handle
- Developed an early behavioral model to give the team the scope to cover the vast majority of user cases
- Planned an Agile execution with monthly SPRINTs to deliver quick stories and align with the hardware development cycle

## Results

The solution involved an integration of hardware, software, mobile, and web that met the client's technology, production, and support requirements:

- The team was able to anticipate the user experience through a behavioural model which covered all use cases and gave them a first hand feel of how the end product functioned
- The hardware was integrated correctly the first time
- An XMPP information exchange platform was successfully implemented, resulting in a close to real-time response for text, audio, and video
- The platform was developed to be independent of mobile platforms

## Business benefits

- Quick turnaround time with implementation of improved platform
- Improved efficiency through our expertise

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