

**Group Members:**

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## **Executive Summary for Contextual Inquiry**

David chen: When I train I am normally get to train after working at a martial arts studio. Normally I change my gi top and that's about it. Maybe depending on what we are practicing I might change my pants too, sparring in a full heavy gi is difficult and gets in the way, but wearing that heavy gi is great when we practice some of the more traditional stuff where we might need to grab clothes or just for being formal. We're allowed to wear anything reasonable but it's more expected that you wear that full gi. The clothes you train in is actually really important, doing judo stuff in a workout shirt sucks, sparring in a full gi sucks, wearing the right clothes is so important when I train in so many different disciplines.

Marc prince: I train muay thai almost every day. I wear roughly the same thing to every session. I wear short shorts and a tight t-shirt. I never really wear anything else to train in. I don't really train in anything else besides muay thai anymore so it simplifies my clothing choice. I don't think my coach would like it if I showed up in a full gi and not in my normal training gear.

Nick contacted some old friends who he used to train with to get this information. Both of the people contacted have a decade or more of martial arts training experience. David has two black belts and Marc has three black belts. Both are exceptional martial artists and teachers. Marc and David are both about 30 and from the same area of New York.

Between the two of them it's clear that this format of device would be accepted as its based off of current training clothes. What is a little concerning is that marc is more of the customer we are aiming to sell to and he

has a trainer who might be able to do some, if not all, the work of the shirt we propose. Alternatively the coach might not trust or want to use the new technology. Moving forward, asking coaches about how they feel about the technology because the product is designed to be an evolution of what these fighters already wear. Convincing the coaches might be something that is more important to actually get our product into the market.

A new potential for the product might be more general motion tracking. Seeing how a fighter punches, kicks, and how they block. Allowing for deeper analysis of a fighter and aiding a coach to see what the eye can not.