# Assignment 5d: Usability Testing

Procedure: Weight lifting (Back Squats)

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A short report on the usability tests conducted on my photo and graphic sequences communicating a procedure from assignments 5b and 5c. This is a summary of my findings after testing two participants.
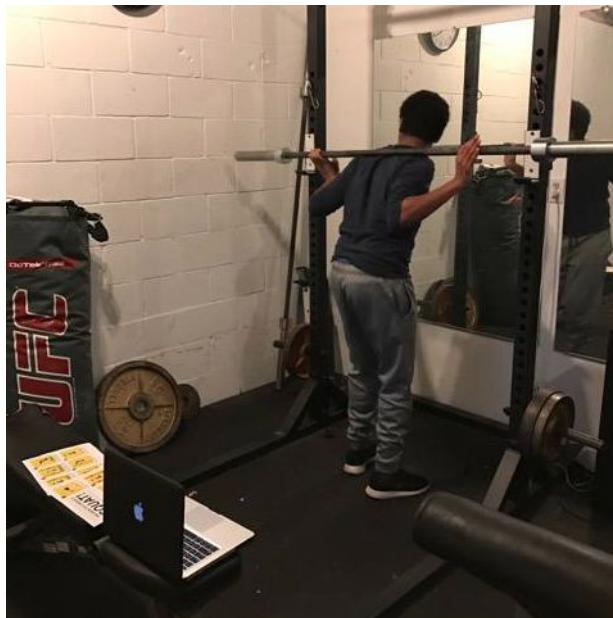
## Participant 1

**Level of Familiarity**
Novice

**Version Used**
Photo Sequence

**Summary of Observations**
Participant 1 did not have any experience with back squatting. He spent a lot of time re-reading the photo procedures and performing the exercise. Something he struggled with was prepping the bar and the height of the rack, since he was unfamiliar with doing so. He also stated that the movement felt awkward and he couldn't tell if he was performing it correctly.

# Participant 2

**Level of Familiarity**
A little experience

**Version Used**
Graphics Sequence

**Summary of Observations**
Participant 2 had learned how to back squat before, but is not very experienced with the exercise and does not do it often. He had little to no troubles following my graphics sequence, other than trying to view the steps in the middle of the movement (trying to remember what step comes next). He was wearing jeans at the time of testing which was uncomfortable for him, but he still executed the procedure perfectly.



# Strengths and Weaknesses

### Graphics Sequence
I think the graphics themselves are visually appealing and they look good, but some of the steps could be portrayed in a better way. One suggestion I received was that the side view that I use in some steps would be useful in conveying some of the other steps. I also think the steps themselves and the text are a lot more clear and concise in comparison to my photo sequences. However, for someone completely new to the exercise such as Participant 1, that could prove to be a hindrance in performing the steps because they might feel lost or that the information is lacking.

**Photo Sequence**

My photo sequence does a good job at covering every little detail in the photos and the text. However, at the same time it feels like a little bit too much so I should find a way to make it more concise without skipping important information. The photos themselves are taken well and a good angles to show the important information, however the background is kind of distracting (wasn't really in my power, since I was at the IMA). It is also hard to convey movement in the photos, so adding graphical treatments such as arrows to those steps would be a lot more helpful.

## Moving Forward - My Plans for Revision

In improving my photos, I plan make better use of graphical treatments, such as adding arrows to convey motion. I also plan to revise my text, to make the instructions clear and concise. I also want to try some photo editing techniques to try and make my subject stand out from the distracting background.

In improving my graphics, I plan to add a few more "in between" steps because some people felt that they were missing information at some points. I also plan to revise a few steps by trying them at a different angle, and see if that communicates the steps better. I think the colors look good, but at the same time in some parts of the graphics my vectorized human's skin blends in with the background so I plan on making some changes to fix that.