

# HCI-D Lab. #7 Report

## Heuristic Evaluation of Muscle Beach

### Teammates

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### Problem

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An workout assistant which tracks user's progress, records user's pose, and provides guidance to help users workout in a right way.

### Violations Found

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1. [H2-1 Visibility of Status][Found by: C]  
Ambiguity of the **Track Motion** screen. Users may not understand how to use this function. For example, the recorder is aimed to correct user's pose instantly or is just used to record user's pose so that they can watch the record later.
2. [H2-2 Match Between System & Real World][Found by: B]  
Users may be confused about the function of the circle icon on the **Track Motion** screen.
3. [H2-2 Match Between System & Real World][Found by: C]  
Users can not manage their friend list (eg. add, delete...etc).
4. [H2-2 Match Between System & Real World][Found by: C]  
While users finish recording and click the "save" button, they will go to the record list page at once, without entering informations of the record (eg. pounds, number of times of the training they just record)

5. [H2-3 User Control & Freedom][Found by: B]  
Upon logging in successfully and entering the home screen, users tend to get lost and have no idea what they can do next.
6. [H2-3 User Control & Freedom][Found by: C]  
On the **Track Motion** screen, there are two buttons (circle icon and back button) for users to finish record mode.
7. [H2-4 Consistency & Standards][Found by: B]  
The circle icons for **Update profile** and **Track Motion** are the same, but the functions of them are different (one for taking photo and the other for stop recording).
8. [H2-6 Recognition Rather Than Recall][Found by: A]  
On the home screen, the usage of stylistic image rather than realistic photo may make users confused about the meaning of it.
9. [H2-6 Recognition Rather Than Recall][Found by: B]  
On the home screen, user may have difficulties understanding the 5 icons below the screen since there are no explanations for them.
10. [H2-6 Recognition Rather Than Recall][Found by: B]  
On the **Record** screen, users may need evident display (eg. red text or other methods) to let them know that they can click somewhere to watch the record video on that day.
11. [H2-7 Flexibility & Efficiency of Use][Found by: A]  
After signing up, users will then be directed to the log in page, which means that they have to enter their Email/UserID and password again. Also, the profile picture should be set while signing up instead of after logging in.
12. [H2-8 Aesthetic & Minimalist Design][Found by: C]  
On the home screen, user may be confused about the meaning of the body figure.

13. [H2-10 Help & Documentation][Found by: A]

A ppt-version slide should be provide since some animation errors will occur in pdf file format. Also, some functions of the website are not work on mobile platform.

14. [H2-10 Help & Documentation][Found by: B]

Users need tutorial or documents of how to use this app, or they may get lost on the home screen.

## Summary of Violations

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| Category                                | # Violations |
|---|--------------|
| [H2-1: Visibility of Status]            | 1            |
| [H2-2: Match Sys & World]               | 3            |
| [H2-3: User Control & Freedom]          | 2            |
| [H2-4: Consistency & Standards]         | 1            |
| [H2-5: Error Prevention]                | 0            |
| [H2-6: Recognition not Recall]          | 3            |
| [H2-7: Flexibility & Efficiency of Use] | 1            |
| [H2-8: Aesthetic & Minimalist Design]   | 1            |
| [H2-9: Help Users with Errors]          | 0            |
| [H2-10: Help & Documentation]           | 2            |
| <b>Total Violations</b>                 | <b>14</b>    |

# Summary Recommendations

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## **Track Motion**

The objective of this function and the meaning of the circle button must be clearly stated so that users can understand how to use this function.

Also, we should made some differences between the two circle buttons of Track Motion and Update profile.

## **Friend List**

We should enable users to modify their friend list, including adding new friends and deleting friends.

## **Home Screen**

Some tutorials must be added to this screen so that we can prevent users from getting lost on this page and not knowing what they can do next.

Also, we can add some small text below the 5 icons to make them easy to understand.

The figure on this screen should be user's realistic photo instead of schematic picture.

## **Record**

There should be some clear mark to let users know where they can click to see the training videos they record before when they are viewing their records.

We should also let users enter other additional information, like weight, number of times...etc, of training when they finish recording before they are brought to the record list page.

## **Sign Up**

After signing up, users should go to home screen, not log in screen. And the profile picture should be set in sign-up procedure, not after log-in.

## **Documentation**

We should provide ppt-version slides to enable our animation. Also, our website should be more compatible between several kinds of platforms.