Heuristic Evaluation of Team 8 Computer Prototype
By Liang Zhang

- **Simple and Natural Dialogue**
  1. System startup method should be improved. Start main frame without click the “Start Fit - Fit” button. See Figure 1.
     Severity: Cosmetic
     Improve: mainframe.setVisible(true) in the run.
  2. Choose neighborhood page has too many buttons.
     Severity: Minor
     Improve: Category items or use a map.

- **Speak the User’s Language**
     Severity: Good

- **Minimize User Memory Load**
  4. System is simple and doesn’t require user to memorize too much.
     Severity: Good

- **Consistency**
  5. Main Frame and Confirmation Frame is not consistent. See Figure 2 and Figure 3.
     Severity: Major
     Improve: Use modal dialog instead.
  6. Overall consistency is good (Left and Right).
     Severity: Good

- **Feedback**
  7. User should do not know where he is pointing to at the body until he click and shown a new frame. See Figure 3.
     Severity: Major

- **Clearly Marked Exits**
  8. System Left and Right is not clear. See Figure 2.
     Severity: Major
     Improve: Use group to category each side.

- **Shortcuts**
  9. Some text of Previous Exercise button is missing. See Figure 4.
     Severity: Cosmetic
     Improve: Adjust button width.
  10. “Go Back” and “Start Over” go the home page in Exercise for shoulders.
     Severity: Minor
     Improve: Try to make it clear in text or improve the back feature.
▪ **Good Error Messages**
  11. System is straight forward.
      Severity: Good

▪ **Prevent Errors**
  12. Button is large enough.
      Severity: Good

▪ **Help and Documentation**
  13. Consider a system manual at home page to give a brief description of how to use the system.
      Severity: Minor
      Improve: Add a manual.

▪ **Improve**
  14. Exercise Page should provide a list to show the overview of all available exercises.
      Severity: Minor
  15. “Excercise” is a typo, change to “Exercise” please!
      Severity: Catastrophic
  16. Improve the layout in most of the pages.
      Severity: Major
  17. Give a site map or navigation bar at top to improve usability.
      Severity: Minor
  18. After pressing the Print button, the system should go back to the main page.
      Severity: Cosmetic
  19. Some text sizes are much smaller than the others. See Figure 4.
      Severity: Minor
  20. Embedded this system in a web page.
      Severity: Minor
Figure 1 Start Fit – Fit
Figure 2 Main Frame

Figure 3 Feedback 1
Figure 4 Exercise for Shoulders