Human Computer Interaction CS449 – CS549
Mini Assignment-2 Fitts' Law

Due date – Upload to SUCourse by November 6th Monday, **Midnight (Late submission will not be accepted)**

Length: ~2-3 pages (you may include any supporting figures, diagrams, graphics, photographs, sketches etc). Use Times new roman or Arial, font size 11-12.

Grading: 5 points (out of 100)

The main aim of this assignment is to make students critically examine, identify, and quantify real world interaction design problems and propose sound solution(s) to them.

Students are expected to find one interactive service/system (**not** a mobile one) with design problem(s) that can be measured by Fitts' Law. The assignment will be assessed according to the following criteria:

- Relevance - is it an HCI design issue?
- Description - can the reader envisage the issue clearly?
- Fitts' Law - how does this issue relate to the Fitts' Law?s
- Recommendation - how might the issue be resolved with better user performance?
- References

Like in the first assignment, the problematic design should not be too extensive. For example, the whole online banking service or a shopping site is too big, you may pick a subservice of such applications (eg. EFT, search service, etc.). Remember the train ticket purchase example I presented in the class.

Please report your findings under the titles given below:

1. Introduction – 15 pts

- Describe the task that you want to accomplish with the interactive application
- Problem Definition –How is the design problem related with Fitts' law?
- Support your arguments with readings regarding design problem(s).

Add screenshots or drawings to show the problem(s)

2. Analysis with Fitts' Law – 40 pts

Calculate the Difficulty Index (DI) of the design problem. Explain it Clearly.

3., Proposed Solution - 40 pts

How to eliminate the problem? Redesign the screen and explain why your proposed solution performs better than the original one by comparing the new DI with the original design.

Use Figma to show proposed/improved version. Publish and share your solution with Figma link in your report.

4. References – 5 pts

Use APA style for your references (both in the body and References section)

For APA formatting read Part 4 of the following document:
https://www.sabanciuniv.edu/HaberlerDuyurular/Documents/DD20090911144641/Project_302_handbook.pdf