#### CS449 – CS549 Human Computer Interaction – Fall 2023

### **Assignment-1 Design Diary**

**Due date** – Upload to SUCourse by October 29<sup>th</sup> Sunday, **Midnight (Late submission will not be accepted)** 

**Length:** Max 4 pages (you may also include any supporting figures, diagrams, graphics, photographs, sketches etc.)

**Grading:** 7 points

The main aim of the design diary assignment is to make students focus on analyzing interaction through real-world examples, and by so doing, to relate their analyses to the literature on HCI. Students are expected to document one interactive system (desktop or mobile) with design problem(s). It will be assessed according to the following criteria:

- Relevance is it an HCI design issue?
- Description can the reader envisage the issue clearly?
- Framework/Theory how does this issue relate to the literature on HCI?
- Recommendation how might the issue be resolved?

The design diary example should not be too big. For example, the whole mobile banking app of a bank or a shopping site is too big, you may pick a subservice of those applications (eg. EFT, search service, etc.).

Please report your findings under the titles given below:

# 1. Introduction and Association with the Literature (3pts)

- Describe the task that you want to accomplish with the interactive application.
- Problem Definition What is/are the design/usability problem(s) that you face when trying to accomplish your task? Associate the problem according to the readings. Why is it an HCI problem? Explain Clearly.
- Add screenshots or drawings to show the details of the problem(s)

## 2. Recommendations, Proposed Solution (3 pts)

How to eliminate the problem? Explain why your proposed solution is better than the original one. Associate the solution according to the readings.

Use **Figma prototyping tool** and propose the improved version – The proposed version doesn't have to look professional, just try to get the better design in your mind across.

Publish and share your solution with Figma link in your report.

### 3. References (1 pt)

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

For APA formatting read Part 4 of the following document:

 $\frac{https://www.sabanciuniv.edu/HaberlerDuyurular/Documents/DD20090911144641/Project\_30}{2\_handbook.pdf}$ 

**Note:** You may visit the official YouTube channel of Figma from the following link:

https://www.youtube.com/channel/UCQsVmhSa4X-G3lHlUtejzLA