CIS 1410: Introduction to Human Computer Interaction
Lab Assignment
Lab #1: Intro to HCI

Objectives: Know the definition and history of Human Computer Interaction (HCI). Describe its relation to User Centered Design (UCD), User Interface Design (UI), and User Experience Design (UX). Understand usability goals, measures, and motivations for a variety of application environments. Identify goals of the HCI profession.

Student Name: _____

Total Points:

☐ /30

Questions:

1. **In your own words,** create a **grammatically correct** and **logically flowing** paragraph **from the topic material** that addresses the following points:
   a) define the **purpose of each**: HCI, UX, UCD, and UI

☐ /6

   b) how are HCI, UX, UCD, and UI **different**

☐ /2

   c) how are HCI, UX, UCD, and UI **related**

☐ /2

2. In the textbook, **1.3 Usability Motivations**, the authors state that "*Usability has gone from desirable to necessary for survival.*" **Research and identify** a product that **did not survive** because of its failure to be '**usable**'. Answer the following questions:

   a) Identify product **name**, **description,** and **purpose**:

/4

   b) Do you have **personal experience** with this product or did you **research it online** (*include URL*)?

/3

   c) Identify which **category** is most closely aligned with the product (*see **1.3 Usability Motivation** sub-sections in textbook; i.e. Consumer Electronics, Games, Professional, Exploratory, Sociotechnical*) and **why**:

/4

   d) Identify which **usability measure** led to its downfall (*see **1.2 Usability Goals and Measures** in textbook*) and **why**:

/4

   e) **In your own words**, identify **why** or **what** made the product '**unusable**'?

/5