**HouseCom™ ThermoSecurity™ System**

Group project and submission. This assignment is **worth 15%**

Assignment Description

The basis of this assignment is to create an interactive application using 3D, video, and still images. Design and develop an engaging experience for the end user with which they can interact in a one-page

mobile-first web application.

This project will be a collaborative effort between all of your IDP classes.

Product Description

**HouseCom™ ThermoSecurity™ System is a fully digital, hardwired and wireless (WiFi, Bluetooth)**

**enabled home personal and secure environment control system** . All communications with the central system are accessible and controlled through the wall unit, product app. and the secured portal on the parent website. The HouseCom™ ThermoSecurity™ System App. is available on both iOS and Android devices. Whether you wish to adjust the temperature of your home from your Android or iPhone watch or access the home security system on your phone to check in on the house occupancy through the remote, portable cameras. You may wish to look for independent room temperatures, smoke and carbon monoxide status or just open windows and unlocked doors for your return home.

All of this functionality and more are part of the capabilities of the HouseCom™ ThermoSecurity™ security and environment system.

Features

**Proximity sensor:** Actives system to on state when viewer is close.

**Facial recognition camera:** To allow admin users to manipulate settings (child proofing)

**GUI:** The ability increase/decrease the temperature difference between my heat/cool set-points. Comes with built-in Amazon Alexa Voice Service Regulates indoor humidity to prevent frost buildup on outside windows. The ability to view Current indoor temperature, outdoor temperature, daily forecast, weekly forecast. See [**https://nest.com/ca/thermostats/nest-learningthermostat/overview/**](https://nest.com/ca/thermostats/nest-learningthermostat/overview/)for an example of a smart thermostat.

Submission Deadlines

All assignment material for each class must be submitted on Tuesday, October 8th by 9:00 a.m.

Grade Value for this assignment :

Total = 15%

Your grade for this assignment will be based on how closely you follow the requirements

Designer

* Generate brand identity collateral that will position your HouseCom™ ThermoSecurity™ System product against the completion on the store shelves.
* Create the specific functionality of the HouseCom™ ThermoSecurity™ System and the GUI (graphical user interface) that will be a part of the industrial design for the actual HouseCom hardware and software.
* Design one page sell sheet for this product – as though this is one of many different products produced by the HouseCom company which is referred to as a ‘Branded House/Master Brand’ – that provides all the ‘relevant’ information for this particular product, the “HouseCom™ ThermoSecurity™ System”.
* Start at mobile, and evolve your web design for tablet and desktop.

Submission Requirements

1. One logo design for HouseCom™ ThermoSecurity™ System in Illustrator format. The brand name for this product is ThermoSecure™ by HouseCom™. If you use a unique font, please provide the font with the Illustrator file. *Or outline all your text objects;* [EDIT] – Select; [TYPE] – Create Outlines *. Designs will be graded with whatever typeface appears on screen, so check your files before submitting* .

• Submit your Illustrator file and a PDF.

2. One brand guide for the HouseCom™ ThermoSecurity™ System (Branded House/Master Brand) to include, but not exclusive to, the following;

a. Cover Page

b. Table of Contents

c. Brand Characteristics – define the main parts of the brand in one to two paragraphs)

d. Logo Elements – Logotype / Worldmark / Symbol / Emblem / etc…, this section can also contain your logo ‘Clear Space’

e. Colour study – Pantone value, CMYK, RGB and HEX values.

f. Typography study – lowercase and uppercase when applicable, including special character

• Submit a PDF of the document.

1. One detailed user GUI design depicting the main product control features on the home screen for the HouseCom™ ThermoSecurity™ System across **all these platforms views; desktop, phone, tablet, watch and the wall display unit** .

• Submit working files and a JPG for each design

2. Design one complete product webpage for the HouseCom™ ThermoSecurity™ System for **desktop, phone and tablet.** With mobile-up consideration.

• Submit working files and a JPG for each design

3. Design a one page sell sheet describing the benefits of the product. Size is 8.5 inches by 11 inches, 300 dpi, CMYK colour space.

• Submit a PDF of the document.

4. Include all rough work in digitized formats (photos/scans) in a folder titled **“Development Material”.**