COLLEGE OF ENGINEERING

Electrical Engineering and Computer Science

CS 66B

SOFTWARE INNOVATION FOR DUAL SCREEN LAPTOPS

BUILT FOR: THE ZENBOOK

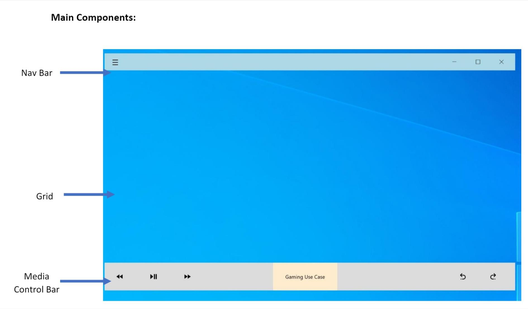
The Asus Zenbook Pro Duo represents the direction of where laptops are headed with multiple displays. Our task with this laptop was to devlop an application that utilizes the second screen to boost the user's productivity.

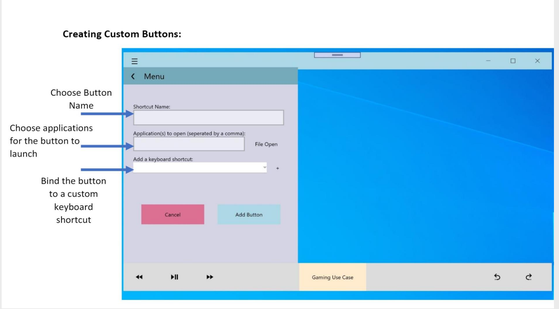
Figure 1: Asus Zenbook Pro Duo

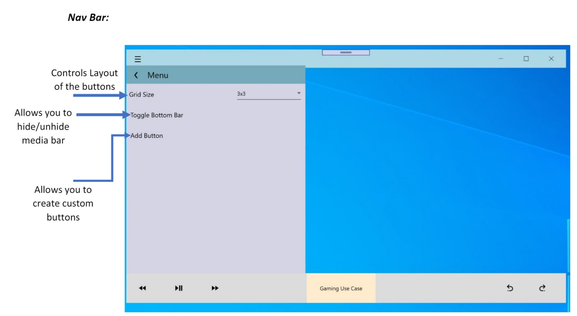
INSPIRED BY: THE ELGATO

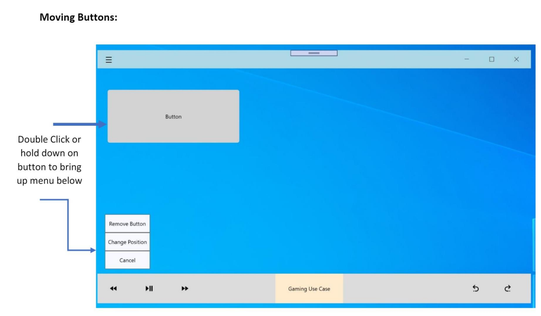
The Elgato Stream Deck was a source of inspiration for our application. This allows users to bind the keys to certain actions. Our application utilizes the second screen's space and touch screen capability to allow for easy access to customized shortcuts. These shrotcuts make routine tasks quicker by pre-programming it into either touchable buttons or linking them to a set of hot keys.

Figure 2: Elgato Stream Deck









USER INTERFACE

A considerable amount of time went into discussing the layout of the user interface in order to make sure that the users were able to reach their needs in a timely manner. This was done by considering the following ideas:

- OS interaction: Making it so that the layout fits seamlessly into the Windows Operating System
- Consistency: Stylings such as fonts in order maintain a cohesive look
- Clarity: New Users are able to see the interface and know how to use it without frustration
- Transparency: Avoid unnecessary layers of the interface so that the user does not go through multiple buttons to get what they want

USE CASES

A big portion of the design went into how we can incorporate various tasks into one seamless UI in order to boost productivity

- Music Production
- Gaming
- Programming

ABOUT OUR TEAM

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