1. Team Membership

Team Name: Techblazers

Course: ECE595 (circle one)

Date: January 27th, 2022

Team Members and myWSU ID’s:

|  |  |
| --- | --- |
| Name (Last, First) | Major(EE, CE, CS) |
| Siooh, Victor (R379V869) | EE |
| Brandt, Emmitt (C779x695) | CS |
| Chief Boateng (F335P549) | CE |
| Jordan, Slate (B427G769) | CE |
| Williams, Chase (W893B246) | EE |

1. Team Roles

Include a short description of the role(s) for each team member. Consider the experiences each member brings to the team that will support the project research/design/build phases.

Emmitt Brandt - For this project I will take the formal role of Timekeeper. I will look to ensure that we keep to a solid timetable and address everything that needs addressing during allotted meeting times if possible. For the design work itself, my focus will be on adding and expanding upon the accessibility features, such as font size and type. New fonts, and contrasts will need to be added to it as well as resizing and other adjustment features. I will also work alongside Chief to add the keyboard’s auditory feedback.

Slate Jordan – I will take the formal team role of Lead. For this semester I will be focusing my contributions to the team on hardware design and wiring; and software related to the microcontroller and sensor configuration and calibration. In addition to this I can provide general counsel to all other problems that may arise with the project.

Victor Siooh – For this semester, I will take the formal role as facilitator to assess and track the progress of the development of our product based on the tasks that have been completed weekly. I will be active in the development of the design of the enclosure for the hardware of our product. I may also assist in the integration of the multiplexer and the remaining capacitive touch sensors if needed.

Chief Boateng – For this semester, I am working as the team scribe and will collaborate with the team lead and project manager to document notes. Also, work on using suitable software for building our application on the frontend. I would need to work alongside Emmitt to implement the features needed on the application

Chase Williams – My formal role for this semester will be the project manager, which mainly will consist of tracking and reporting the tasks of the project. During the product development, I will work on calibrating the proximity sensors to detect a touch on a keyboard key by making modifications to the microcontroller code, which I already have experience working on from this past semester. In addition, I will integrate the multiplexer with the capacitive sensors. This will be done on the hardware side, and I will update the microcontroller code to detect touches from all the sensors connected to the multiplexer.

1. Signatures

Each member needs to sign and date the Code of Conduct

Print: \_\_\_\_\_\_\_\_\_\_\_\_\_\_Chase Williams Print: Chief Boateng

Sign: \_\_\_\_ Sign: C.K.B

Date: \_\_\_1/27/2022\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: 01/27/2022

Print: \_\_\_\_Slate Jordan \_\_\_\_\_\_\_\_\_\_ Print: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sign: \_\_\_\_Slate Jordan\_\_\_\_\_\_\_\_\_\_\_ Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_01/27/2022\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print: \_\_\_\_Emmitt Brandt\_\_\_\_\_\_\_\_\_ Print: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sign: \_\_\_\_\_Emmitt Brandt\_\_\_\_\_\_\_\_ Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_1/27/2022\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print: \_\_\_\_Victor Siooh\_\_\_\_\_\_\_\_

Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_1/27/22\_\_\_\_\_\_\_\_

